



*75th Annual Report*

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THE  
CHILDREN'S  
HOSPITAL

BOSTON, MASS.

**THE CHILDREN'S HOSPITAL  
FORM OF BEQUEST**

I give, devise, and bequeath to  
The Children's Hospital, in the City  
of Boston, and Commonwealth of  
Massachusetts, incorporated in the  
year 1869, the sum of.....

.....  
.....

# **THE CHILDREN'S HOSPITAL**

**1869**

## **ANNUAL REPORT for the Year 1944**

**BOSTON - MASSACHUSETTS**

**MCMXLV**

# OFFICERS OF THE CHILDREN'S HOSPITAL

1945

*President*

J. W. FARLEY

*Vice President*

ALEXANDER WHEELER

*Treasurer*

HERMANN F. CLARKE  
45 Milk Street, Boston  
Room 917

*Secretary*

AMORY COOLIDGE

*Assistant Treasurer*  
STEDMAN BUTTRICK

*Counsel for the Corporation*  
JAMES GARFIELD

*Assistant to the President*  
GEORGE S. LAWLER

*Executive Committee*

J. W. FARLEY, *Chairman*  
FREDERICK AYER  
AMORY COOLIDGE  
HERMANN F. CLARKE

G. PEABODY GARDNER  
ARTHUR G. ROTCH  
ALEXANDER WHEELER  
MRS. H. PARKER WHITTINGTON  
SAMUEL H. WOLCOTT

and such other members of the Board of Trustees as the President may select to serve from time to time.

*Chairman of Welfare Committee*  
MRS. H. PARKER WHITTINGTON

*Committee on Investments*

SAMUEL H. WOLCOTT  
WILLIAM ARTHUR DUPEE  
STEDMAN BUTTRICK

G. PEABODY GARDNER  
HERMANN F. CLARKE  
(*Ex-officio*)

*Social Service Committee*

DR. WILLIAM T. GREEN  
DR. DONALD MacCOLLUM  
DR. ROBERT B. OSGOOD  
DR. BRONSON CROOTHERS  
DR. RICHARD M. SMITH

MRS. NELSON S. BARTLETT  
MRS. HOWARD TURNER  
MRS. AMORY THORNDIKE  
MRS. LENDON SNEDEKER  
MRS. C. E. SPENCER, JR.

*Committee on the School of Nursing*

BANCROFT BEATLEY, *Chairman* MISS STELLA GOOSTRAY, R.N.  
MRS. CHARLES A. NEWHALL MISS SOPHIE NELSON  
MRS. NELSON S. BARTLETT DR. DONALD MacCOLLUM  
JOHN SHILLITO

*Private Ward Committee*

MRS. FRANKLIN T. PFAELZER\* DR. J. A. V. DAVIES  
*Chairman* DR. ROBERT GROSS  
FREDERICK AYER DR. WILLIAM T. GREEN  
MRS. RICHARD H. THOMPSON DR. S. H. CLIFFORD

BOARD OF TRUSTEES  
1945

Alexander Whiteside . . . . .	1914
Samuel H. Wolcott . . . . .	1915
George v. L. Meyer . . . . .	1915
F. Murray Forbes . . . . .	1918
G. Peabody Gardner . . . . .	1921
William Arthur Dupee . . . . .	1922
Pliny Jewell . . . . .	1922
Arthur G. Rotch . . . . .	1923
Mrs. H. Parker Whittington (ex-officio) . . . . .	1927
Harvey H. Bundy . . . . .	1927
James Garfield . . . . .	1931
**Gordon Abbott . . . . .	1932
**F. Murray Forbes, Jr. . . . .	1932
**Lawrence Foster . . . . .	1932
Edward L. Bigelow . . . . .	1933
Miss Ida C. Smith . . . . .	1933
Alexander Wheeler (ex-officio) . . . . .	1934
Mrs. Nelson S. Bartlett . . . . .	1936
John C. Kiley . . . . .	1936
**Samuel H. Wolcott, Jr. . . . .	1936
**John S. Ames, Jr. . . . .	1937
Charles H. Stockton . . . . .	1937
Donald T. Carlisle . . . . .	1938
Hermann F. Clarke (ex-officio) . . . . .	1939
Amory Coolidge (ex-officio) . . . . .	1940
John J. Burns . . . . .	1940
**Brinley M. Hall . . . . .	1941
Mrs. Bartlett Harwood . . . . .	1942
Lincoln Baylies . . . . .	1943
Stedman Buttrick . . . . .	1943
Frederick Ayer . . . . .	1943
Sherwin Badger . . . . .	1944
J. W. Farley (ex-officio) . . . . .	1944
John Shillito . . . . .	1944
F. Frank Vorenberg . . . . .	1944
Charles E. Spencer, Jr. . . . .	1944
Walter Channing . . . . .	1945
Aaron Davis . . . . .	1945
Michael T. Kelleher . . . . .	1945
Norman MacDonald . . . . .	1945
S. St. John Morgan . . . . .	1945
Thomas A. Pappas . . . . .	1945
James V. Toner . . . . .	1945
Lester Watson . . . . .	1945
Kent Andrews . . . . .	1945
Fletcher Steele . . . . .	1945

*\*\*On leave with United States Armed Forces*

# OFFICERS OF THE CHILDREN'S HOSPITAL FROM ITS FOUNDATION IN 1869

## *Presidents*

*Nathaniel Thayer . . . . .	1869-1883
*Robert C. Winthrop . . . . .	1883-1894
*Oliver W. Peabody . . . . .	1894-1896
*Charles L. Young . . . . .	1896-1902
*Francis W. Hunnewell . . . . .	1902-1918
*George P. Gardner . . . . .	1918-1931
*Gordon Abbott . . . . .	1931-1935
Samuel H. Wolcott . . . . .	1935-1944
J. W. Farley . . . . .	1944-

## *President Emeritus*

*George P. Gardner . . . . .	1931-1940
*Gordon Abbott . . . . .	1935-1937

## *Vice Presidents*

*George T. Bigelow . . . . .	1869-1877
*Robert C. Winthrop . . . . .	1877-1883
*John C. Phillips . . . . .	1883-1885
*Oliver W. Peabody . . . . .	1885-1894
*Charles L. Young . . . . .	1894-1896
*Francis W. Hunnewell . . . . .	1896-1902
*George P. Gardner . . . . .	1902-1918
Henry Wheeler . . . . .	1918-1927
*Gordon Abbott . . . . .	1927-1931
F. Murray Forbes . . . . .	1931-1945
Alexander Wheeler . . . . .	1945-

## *Treasurers*

*John G. Wetherell . . . . .	1869-1876
*William Putnam Kuhn . . . . .	1876-1877
*John G. Wetherell . . . . .	1877-1886
*Joshua M. Sears . . . . .	1886-1906
*Gordon Abbott . . . . .	1906-1916
Samuel Wolcott . . . . .	1917-1935
Edward L. Bigelow . . . . .	1935-1942
Hermann F. Clarke . . . . .	1942-

## *Assistant Treasurers*

Robert W. Seymour . . . . .	1923-1926
George v. L. Meyer . . . . .	1927-1932
F. Murray Forbes . . . . .	1932-1934
*J. A. Lowell Blake . . . . .	1934-1934
James Garfield . . . . .	1934-1935
F. Murray Forbes . . . . .	1935-1935
Samuel H. Wolcott, Jr. . . . .	1939-1942
Stedman Buttrick . . . . .	1943-

## *Secretaries*

*Francis H. Brown, M.D. . . . .	1869-1915
George v. L. Meyer . . . . .	1915-1918
William H. Seabury . . . . .	1918-1919
Francis W. Hunnewell . . . . .	1919-1922
F. Murray Forbes . . . . .	1922-1923
George v. L. Meyer . . . . .	1923-1933
James Garfield . . . . .	1933-1939
Gordon Abbott . . . . .	1939-1941
John S. Ames, Jr. . . . .	1941-1942
Amory Coolidge . . . . .	1942-

\*Deceased

## FORMER MEMBERS OF THE BOARD OF TRUSTEES

*Abbott, Gordon . . . . .	1896-1937	*Manning, J. M. . . . .	1881-1882
*Abbott, Jere . . . . .	1871-1895	*Mead, Mrs. Frederick S. . . . .	1921-1940
*Ames, F. L. . . . .	1886-1893	*Monks, Mrs. George H. . . . .	1921-1944
*Ames, Oliver . . . . .	1894-1920	*Mudge, E. R. . . . .	1874-1878
Ames, Mrs. F. L. . . . .	1926-1929	Palmer, Henry W. . . . .	1923-1943
*Bader, Louis F. S. . . . .	1930-1942	*Peabody, Oliver W. . . . .	1884-1896
*Baylies, Walter C. . . . .	1908-1910	*Perkins, Thomas N. . . . .	1904-1916
*Bigelow, Alanson . . . . .	1876-1884	*Phelan, James J. . . . .	1921-1934
*Bigelow, George T. . . . .	1870-1877	*Phillips, John C. . . . .	1881-1883
*Blake, Clarence J. . . . .	1895-1918	Phillips, William . . . . .	1931-1935
*Blake, J. A. Lowell . . . . .	1911-1938	*Pickering, H. G. . . . .	1879-1886
*Bremer, S. Parker . . . . .	1923-1925	Pickman, Dudley L., Jr. . . . .	1916-1925
*Brooks, Phillips . . . . .	1884-1885	*Pierce, Wallace L. . . . .	1901-1920
*Browne, Dr. Francis H. . . . .	1870-1915	*Robbins, Chandler . . . . .	1870-1882
*Caswell, Mrs. William W. . . . .	1924-1925	*Rogers, Mrs. Dudley P. . . . .	1928-1939
*Comerford, Frank D. . . . .	1935-1941	Russell, Mrs. William E. . . . .	1939-1943
Coolidge, Lawrence . . . . .	1936-1941	*Sargent, F. W. . . . .	1918-1919
Cox, Mrs. William C. . . . .	1936-1939	Seabury, William H. . . . .	1902-1933
*Dana, S. B. . . . .	1899-1901	*Sears, J. Montgomery . . . . .	1883-1905
Eliot, Mrs. Samuel . . . . .	1934-1935	Sears, Philip S. . . . .	1916-1925
*Emmons, Nathaniel . . . . .	1870-1885	Seymour, Robert W. . . . .	1923-1925
*Emmons, Robert W., 2nd . . . . .	1903-1928	*Shattuck, Dr. F. P. . . . .	1888-1919
*Endicott, William . . . . .	1904-1928	*Shaw, Louis A. . . . .	1934-1940
*Faulkner, Charles . . . . .	1870-1885	*Spaulding, J. P. . . . .	1879-1896
*Fearing, Albert . . . . .	1870-1875	*Stearns, Frank W. . . . .	1916-1925
*Fiske, Charles H. . . . .	1870-1898	*Stockton, Howard . . . . .	1897-1902
*Gardner, George P. . . . .	1885-1939	*Stockton, Philip . . . . .	1924-1925
*Green, Samuel A. . . . .	1870-1883	Stone, Albert, Jr. . . . .	1930-1933
*Hallowell, John W. . . . .	1925-1926	*Stone, Dr. James A. . . . .	1928-1929
Hardwick, Huntington R. . . . .	1930-1933	*Strong, Edward A. . . . .	1870-1873
*Herrick, Robert F., Jr. . . . .	1921-1925	*Sturgis, Russell, Jr. . . . .	1870-1871
Hollister, Paul M. . . . .	1926-1926	*Thacher, George . . . . .	1886-1896
*Howe, George D. . . . .	1871-1880	*Thacher, Isaac . . . . .	1870-1883
*Hunnewell, F. W. . . . .	1895-1917	*Thayer, E. V. R. . . . .	1886-1907
Hunnewell, F. W., 2nd . . . . .	1915-1924	*Thayer, Nathaniel . . . . .	1870-1883
*Hunnewell, H. H. . . . .	1886-1901	*Thomas, W. B. . . . .	1897-1902
*Ingalls, William . . . . .	1870-1902	Tuckerman, John A. . . . .	1919-1920
*Johnson, Samuel . . . . .	1870-1871	*Wetherell, John G. . . . .	1887-1897
*Joy, Charles H. . . . .	1887-1887	Wheeler, Henry . . . . .	1898-1926
*Kuhn, W. P. . . . .	1877-1880	*Winthrop, Robert C. . . . .	1870-1894
*Lawrence, John . . . . .	1908-1914	*Young, Charles L. . . . .	1884-1901
*Kirstein, Louis E. . . . .	1921-1942	<hr/>	
*Lincoln, Roland C. . . . .	1884-1885	*Deceased	

## HONORARY PHYSICIANS AND SURGEONS

J. Lewis Bremer, M.D.  
Walter B. Cannon, M.D.  
Reid Hunt, M.D.

Charles G. Mixter, M.D.  
Robert B. Osgood, M.D.

## STAFF EXECUTIVE COMMITTEE

William E. Ladd, M.D.	.	.	.	.	.	Surgeon-in-Chief
Frank R. Ober, M.D.	.	.	.	.	.	Orthopedic Surgeon-in-Chief
Richard M. Smith, M.D.	.	.	.	.	.	Physician-in-Chief
S. Burt Wolbach, M.D.	.	.	.	.	.	Pathologist-in-Chief
E. B. D. Neuhauser, M.D.	.	.	.	.	.	Roentgenologist
George v. L. Meyer	.	.	.	.	.	Director

## ADMINISTRATIVE STAFF

George v. L. Meyer	.	.	.	.	.	Director
Miss Madeline S. Gibbs, R.N.	.	.	.	.	.	Assistant to the Director
Miss Fanny C. Knapp, R.N.	.	.	.	.	.	Assistant to the Director
Miss Muriel J. Seff, R.N., Supervisor	.	.	.	.	.	Admitting Officer
Miss Edith V. Bell, R.N.	.	.	.	.	.	Admitting Officer
Miss Elizabeth Y. Wheeler, R.N.	.	.	.	.	.	Admitting Officer
Miss Harriet Houghton, R.N.	.	.	.	.	.	Admitting Officer
Chester E. Budden	.	.	.	.	.	Accountant
Mrs. Martha H. Stuart, B.S.	.	.	.	.	.	Dietitian
Miss Priscilla E. Hedley	.	.	.	.	.	Admitting Officer, O. P. D.
Mrs. Isabel Hall	.	.	.	.	.	Housekeeper
Miss Ethel Preble	.	.	.	.	.	Rate Adjuster
Ferdinand Harding	.	.	.	.	.	Photographer
Miss Elizabeth C. Fitzgerald	.	.	.	.	.	Purchasing Agent
Donald M. Skauen, B.S., PHC., M.S.	.	.	.	.	.	Pharmacist
Miss Eva F. Pratt	.	.	.	.	.	Record Librarian
Mrs. Daisy J. Jacobs	.	.	.	.	.	Record Librarian
Miss Marion W. Hall	.	.	.	.	.	Social Service Director
Miss Florence A. Fisher	.	.	.	.	.	Occupational Therapy Director

## DEPARTMENT OF MEDICINE

Richard M. Smith, M.D.	.	.	.	.	.	Physician-in-Chief
Bronson Crothers, M.D.	.	.	.	.	.	Visiting Physician
John A. V. Davies, M.D.	.	.	.	.	.	Visiting Physician
Louis K. Diamond, M.D.	.	.	.	.	.	Visiting Physician
James L. Gamble, M.D.	.	.	.	.	.	Visiting Physician
**Lewis Webb Hill, M.D.	.	.	.	.	.	Visiting Physician
Charles A. Janeway, M.D.	.	.	.	.	.	Visiting Physician
William G. Lennox, M.D.	.	.	.	.	.	Visiting Physician
Harold C. Stuart, M.D.	.	.	.	.	.	Visiting Physician
Edwin T. Wyman, M.D.	.	.	.	.	.	Visiting Physician
Randolph K. Byers, M.D.	.	.	.	.	.	Associate Visiting Physician
Stewart H. Clifford, M.D.	.	.	.	.	.	Associate Visiting Physician
**R. Cannon Eley, M.D.	.	.	.	.	.	Associate Visiting Physician
Henry E. Gallup, M.D.	.	.	.	.	.	Associate Visiting Physician
**Charles D. May, M.D.	.	.	.	.	.	Associate Visiting Physician
Alfred T. Shohl, M.D.	.	.	.	.	.	Associate Visiting Physician
Philip H. Sylvester, M.D.	.	.	.	.	.	Associate Visiting Physician
Eliot Hubbard, M.D., Chief of Medical O.P.D.	.	.	.	.	.	Associate Physician
William Berenberg, M.D.	.	.	.	.	.	Associate Physician
**Albert A. Frank, M.D.	.	.	.	.	.	Associate Physician
**Stanton Garfield, M.D.	.	.	.	.	.	Associate Physician
Nathan Gorin, M.D.	.	.	.	.	.	Associate Physician
Hyman Green, M.D.	.	.	.	.	.	Associate Physician

\*\*On leave with the United States Armed Forces.

Gerald N. Hoeffel, M.D.	Associate Physician
**John P. Hubbard, M.D.	Associate Physician
Dorothea May Moore, M.D.	Associate Physician
Robert T. Moulton, M.D.	Associate Physician
Harry L. Mueller, M.D.	Associate Physician
Edward L. Pratt, M.D.	Associate Physician
**Henry N. Pratt, M.D.	Associate Physician
Abraham S. Small, M.D.	Associate Physician
William J. Turtle, M.D.	Associate Physician
Sidney H. Weiner, M.D.	Associate Physician
Lucille Williamson, M.D.	Associate Physician
Olga E. Allers, M.D.	Assistant Physician
Alta Ashley, M.D.	Assistant Physician
**John K. Brines, M.D.	Assistant Physician
James T. Cameron, M.D.	Assistant Physician
**Allen M. Hill, M.D.	Assistant Physician
Harry L. Kozol, M.D.	Assistant Physician
Lillian A. F. McMackin, M.D.	Assistant Physician
Rose C. Munro, M.D.	Assistant Physician
Alice Nauen, M.D.	Assistant Physician
Joseph Osborne, M.D.	Assistant Physician
**Harry Shwachman, M.D.	Assistant Physician
Louis A. Sieracki, M.D.	Assistant Physician
**Lendon Snedeker, M.D.	Assistant Physician
Jacob Wallace, M.D.	Assistant Physician
Gretchen Hutchins, M.D.	Junior Attending Physician
Edith Meyer, Ph.D.	Associate in Psychology
Mary E. Trainor, R.N.	Physiotherapist
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Ronald L. Denton, M.D.	Research Fellow
Sidney Israels, M.D. (to January 1, 1945)	Research Fellow
Frank L. Plachte, M.D.	Research Fellow
Kelly K. Davis, M.D.	Assistant Resident
Benjamin G. Ferris, Jr., M.D.	Assistant Resident
Martin Gershman, M.D.	Assistant Resident
John P. Hubbell, Jr., M.D.	Assistant Resident
October 1, 1944-June 30, 1945	
Junius E. Atkins, Jr., M.D.	Interne
Margaret Eugenia Geib, M.D.	Interne
Robert Klein, M.D.	Interne
Richmond S. Paine, M.D.	Interne
William Pfeffer, M.D.	Interne
George Edward Prince, M.D.	Interne
Miguel Raga (Mendoza), M.D. (April 1 to June 30, 1945)	Interne
Nicholas D. Rizzo, M.D.	Interne
Louis Schwab, M.D.	Interne
Chandler A. Stetson, M.D. (October 1, 1944, to March, 1945)	Interne

### DEPARTMENT OF SURGERY

William E. Ladd, M.D.	Surgeon-in-Chief
**Thomas H. Lanman, M.D.	Visiting Surgeon
Franc D. Ingraham, M.D. (Neurosurgery)	Visiting Surgeon
**Carlyle G. Flake, M.D. (Otolaryngology)	Visiting Surgeon
George D. Cutler, M.D.	Associate Visiting Surgeon
Donald W. MacCollum, M.D.	Associate Visiting Surgeon
Robert E. Gross, M.D.	Associate Visiting Surgeon
**Henry W. Hudson, Jr., M.D.	Associate Surgeon
**Patrick J. Mahoney, M.D.	Associate Surgeon
**Augustus Thorndike, M.D.	Associate Surgeon
**John W. Chamberlain, M.D.	Assistant Surgeon

\*\*On leave with United States Armed Forces.

Harold G. Tobey, M.D.	Visiting Otolaryngologist
Charles F. Ferguson, M.D.	Associate Visiting Otolaryngologist
**Charles I. Johnson, M.D.	Associate Visiting Otolaryngologist
**Lyman G. Richards, M.D.	Research Associate in Otolaryngology
Herman A. DeWilde, M.D.	Resident in Otolaryngology
Harry W. Perkins, D.M.D.	Orthodontist
Edward I. Silver, D.M.D.	Associate Orthodontist
Abijah Pierce, D.M.D.	Assistant Orthodontist
*Henry C. Beebe, D.M.D.	Assistant Orthodontist
Charles M. Waldo, D.D.S.	Associate Orthodontist
Paul K. Losch, D.D.S.	Stomatologist
*Paul E. Gilpatrick, D.M.D.	Assistant Stomatologist
*Emory Farrington, D.M.D.	Assistant Stomatologist
David Weisberger, D.M.D., M.D.	Associate Stomatologist
*John C. Brown, D.M.D.	Assistant Stomatologist
*Charles M. Campelia, D.M.D.	Assistant Stomatologist
Abraham Kaner, D.M.D.	Assistant Stomatologist
*Maurice L. Dinnerman, D.M.D.	Assistant Oral Pathologist
Mrs. Esther Shapiro	Speech Correctionist

H. William Scott, Jr., M.D. (Ended Dec., 1944)	Junior Attending Surgeon
*Robin G. Anderson, M.D. (Ended Oct., 1944)	Assistant Resident Surgeon
Clifton J. Bennett, M.D. (To July, 1945)	Assistant Resident Surgeon
Lorye E. Hackworth, M.D. (To July, 1945)	Assistant Resident Surgeon
Cully A. Cobb, Jr., M.D. (To Jan., 1946)	Fellow in Neurosurgery
*John J. Lowrey, M.D. (Ended March, 1944)	Assistant Resident in Neurosurgery
Cully A. Cobb, Jr., M.D. (Ended June, 1944)	Assistant Resident in Neurosurgery
Edward J. Beattie, Jr., M.D. (Ended October, 1944)	Assistant Resident in Neurosurgery
Philip H. Walker, M.D. (Ended December, 1944)	Assistant Resident in Neurosurgery
Hawthorn P. Brown, M.D. (To February, 1945)	Assistant Resident in Neurosurgery
*Albert A. Ferguson, Jr., M.D. (Ended October, 1944)	Interne
Lorye E. Hackworth, M.D. (Ended October, 1944)	Interne
*Kenneth J. Welch, M.D. (Ended October, 1944)	Interne
*Robert W. Atkins, M.D. (Ended October, 1944)	Interne
*Phillips Hallowell, M.D. (Ended October, 1944)	Interne
J. Robert Bowman, M.D. (To July, 1945)	Interne
Charles W. Findlay, Jr., M.D. (To July, 1945)	Interne
Daniel M. Hays, M.D. (To July, 1945)	Interne
David R. Millard, Jr., M.D. (To July, 1945)	Interne
Lawrence K. Pickett, M.D. (To July, 1945)	Interne
Dorothea R. Peck, M.D. (To July, 1945)	Interne
Edward P. Wallace, M.D. (To July, 1945)	Interne

## DEPARTMENT OF ORTHOPEDIC SURGERY

Frank R. Ober, M.D.	Orthopedic Surgeon-in-Chief
James W. Sever, M.D.	Orthopedic Surgeon
A. H. Brewster, M.D.	Visiting Orthopedic Surgeon
William T. Green, M.D.	Visiting Orthopedic Surgeon
Robert H. Morris, M.D.	Visiting Orthopedic Surgeon
**William Elliston, M.D.	Assistant Visiting Orthopedic Surgeon
Paul W. Hugenberger, M.D.	Assistant Visiting Orthopedic Surgeon
**Meier G. Karp, M.D.	Assistant Visiting Orthopedic Surgeon
John G. Kuhns, M.D.	Assistant Visiting Orthopedic Surgeon
Charles L. Sturdevant, M.D.	Assistant Visiting Orthopedic Surgeon

\*With the Armed Forces.

\*\*On leave with the Armed Forces.

**John F. Bell, M.D.	Assistant Visiting Orthopedic Surgeon
David S. Grice, M.D.	Assistant Visiting Orthopedic Surgeon
Miss Janet Merrill	Director Physical Therapeutics
Robert D. Ray, M.D.	Resident Orthopedic Surgeon
John Talinski	Resident Orthopedic Surgeon
Albert I. Robbins, M.D.	Assistant Resident
Hermon Howes, M.D.	Assistant Resident
Guillermo Vargas, M.D.	Assistant Resident
Robert D. Ray, M.D.	Assistant Resident
Robert Jaenichen, M.D.	Assistant Resident

### DEPARTMENT OF PATHOLOGY

S. Burt Wolbach, M.D.	Pathologist-in-Chief
Sidney Farber, M.D.	Pathologist
James B. Arey, M.D. (October 1, 1944—October 1, 1945)	Junior Visiting Pathologist

Austin Vickery, M.D. (Oct. 1, 1944—July, 1, 1945)	Resident Pathologist
Lotte Strauss, M.D. (September 1, 1943—September 1, 1944)	Assistant Resident Pathologist
Raymond G. Gottschalk, M.D. (September 1, 1943—April 8, 1944)	Interne
Elizabeth Gregory, M.D. (May 15, 1944—May 15, 1945)	Interne
Elizabeth G. French, M.D. (October 1, 1944—July 1, 1945)	Interne
Guillermo Vargas, M.D. (January 24, 1944—June 12, 1944)	Interne
Charles W. Findlay, M.D. (June 7, 1944—October 1, 1944)	Interne
Edward M. Lerner, II (October 1, 1944—July 1, 1945)	Interne
Veronica Tissa, M.D. (July 1, 1944—July 1, 1945)	Voluntary Graduate Assistant
Roy E. Seibel, M.D. (February 1, 1944—September 1, 1944)	Voluntary Graduate Assistant
Miguel Raga (Mendoza), M.D. (April 22, 1944—April 1, 1945)	Voluntary Graduate Assistant

### SPECIAL DEPARTMENTS

James L. Gamble, M.D.	Director, Chemistry Laboratory
Alfred T. Shohl, M.D.	Assistant Director, Chemistry Laboratory
John A. V. Davies	Bacteriologist

### CONSULTING STAFF

Allan M. Butler, M.D.	Medicine
Hallowell Davis, M.D.	Physiology
Albert B. Ferguson, M.D.	Roentgenology
Merrill Sosman, M.D.	Roentgenology
A. Baird Hastings, M.D.	Biological Chemistry
T. Ducket Jones, M.D.	Cardiology
Otto Krayer, M.D.	Pharmacology
Conrad Wesselhoeft, M.D.	Infectious Diseases
E. Lawrence Oliver, M.D.	Dermatology
Austin W. Cheever, M.D.	Dermatology
J. Herbert Waite, M.D.	Ophthalmology
Franklyn Burger, M.D.	Ophthalmology
Paul Chandler, M.D.	Ophthalmology
Edwin B. Goodall, M.D.	Ophthalmology
**Trygve Gunderson, M.D.	Ophthalmology

\*With the Armed Forces.

\*\*On leave with the Armed Forces.

## SCHOOL OF NURSING AND NURSING SERVICE

*Superintendent of Nurses and Principal of School of Nursing*  
Stella Goostray, R.N.

*Associate Principal of School of Nursing*  
Mary E. Norcross, R.N.

*Second Assistant Superintendent of Nurses*  
Kathryn Cheney, R.N.

*Instructors*

Emily G. Pearson, R.N.  
Edna J. Townsend, R.N.  
Theresa Hurley, R.N.

*Assistant Superintendent of Nurses and Assistant Principal*  
Muriel B. Vesey, R.N.

*Assistant Superintendent of Nurses at Night*  
Elizabeth F. Webster, R.N.

*Night Supervisors*  
Helen Kingston, R.N.  
Johanna Schlegendal, R.N.

*Medical and Isolation Services*

Ethel M. Trafton, R.N., Supervisor  
Joan Fitzgerald, R.N., Head Nurse  
Jean Colt, R.N., Head Nurse

*Surgical and Throat Services*

Edith M. Ahrens, R.N., Head Nurse  
Grace Terry, R.N., Head Nurse  
Olive Simard, R.N., Head Nurse  
Elizabeth T. White, R.N., Head Nurse

*Orthopedic Service*

E. Jean Hill, R.N., Supervisor  
Frances Maguire, R.N., Head Nurse  
Ruth Wooliver, R.N., Head Nurse

*Neurological Service*

Elizabeth C. Logan, R.N., Head Nurse

*Infants' Medical Service*

Mary G. Chapman, R.N., Supervisor  
Hope G. Furgin, R.N., Head Nurse  
Phyllis Downing, R.N., Head Nurse

*Operating Room*

Edith C. Jenkins, R.N., Supervisor  
Josie Brown, R.N., Assistant

*Anesthetists*

B. Elaine Lank, R.N., Chief  
Elizabeth Moran, R.N.  
Elizabeth Partridge, R.N.

*Out-Patient Department*

Marion Perkins, R.N., Head Nurse and Instructor, Medical Clinic  
Helen C. Harding, R.N., Head Nurse, Orthopedic Clinic  
Dorothy Decker, R.N., Head Nurse, Surgical Clinic  
Beatrice Greene, R.N., Head Nurse, Isolation Clinic

*Private Ward*

Sarah J. Vickery, R.N., Supervisor  
Carolyn Overfors, R.N., Head Nurse  
Ruth P. Palmer, R.N., Head Nurse  
Jean Wood, R.N., Head Nurse

*Nurses' Infirmary*

Christine Ritchie, R.N., Head Nurse

## HONOR ROLL WORLD WAR II

Dr. Henry W. Hudson  
Dr. John W. Chamberlain  
Dr. Patrick J. Mahoney  
Dr. R. Cannon Eley  
M. Aldra Dickie, R. N.  
John J. Flynn  
Dr. Thomas H. Lanman  
Dr. Carlyle G. Flake  
Dr. Augustus Thorndike  
Patricia Baldwin, R. N.  
Mary H. Calvin, R. N.  
Helen E. Fitzgerald, R. N.  
Dr. Henry N. Pratt  
Dr. Charles D. May  
Nancy L. Chapman, R. N.  
Rosamond Noyes, R. N.  
Elizabeth Gray, R. N.  
Phyllis Belair, R. N.  
Thelma Reynolds, R. N.  
Anne Wurts, R. N.  
Dr. F. Dale Wilson  
Dr. T. Wiley Hodges  
Dr. Charles L. Dimmler  
Dr. Eben Alexander  
Gordon Abbott  
F. Murray Forbes, Jr.  
John S. Ames, Jr.  
Dr. Hannibal Hamlin  
Dr. Charles I. Johnson  
Dr. Clifford G. Grulée  
Dr. Edward C. Dyer  
Marion Woolworth  
Dr. John C. Brown  
Dr. L. Alexander Vance  
Dr. Trygve Gunderson  
Dr. Thomas H. Weller  
Dr. Ruell A. Sloan  
Dr. Eugene E. Record  
Brinley M. Hall  
Samuel H. Wolcott, Jr.  
Ruth Crocker, R. N.  
Georgianna Curley, R. N.  
Martha R. Dyer, R. N.  
Dr. Lewis W. Hill  
Dr. John K. Brines  
Dr. Allen M. Hill  
Winifred T. Ennis, R. N.  
Shirley M. Fairburn, R. N.  
Ruth B. Lumbra, R. N.  
Sarah Trask, R. N.  
Dr. John P. Hubbard  
Marguerite Chapman, R. N.  
Dr. Robert S. Hormell  
Dr. Vincent Zecchino  
Dr. Floyd Jergeson  
Dr. Lent Johnson  
Earl Hinckley  
John Brown  
Nancy Preston, R. N.  
Bertha Roden, R. N.  
Wilma L. Thomas, R. N.  
Lawrence Foster  
Edward L. Bigelow  
Dr. Meier G. Karp  
Dr. Albert A. Frank  
Dr. George W. Starbuck  
Dr. Wm. McL. Wallace  
Ralph Kane  
Ralph Anderson  
James E. Brooks  
Dorothy Dickens, R. N.  
\*Marjorie Lovell, R. N.  
Dr. Harry Shwachman  
Dr. William A. Elliston  
Dr. Fred H. Allen, Jr.  
Dr. Philip T. Levine  
Dr. Lawrence Kingsland  
Dr. Richard B. Stark  
William Gosse  
Evy Carlson, R. N.  
Felicia Szajnar, R. N.  
Julia Zelek, R. N.  
H. Louise Moulton, R. N.  
Edna Cruickshank, R. N.  
Dr. Raymond Latham  
Dr. Lendon Snedeker  
Dorothy A. Fitzgerald, R. N.  
Alice M. Horan, R. N.  
Suzanne L. Walker, R. N.  
Serene Berg, R. N.  
Harriet T. O'Hara, R. N.  
Dr. Henry Swan  
Kathryn R. Donovan, R. N.  
Dr. Paul H. Gilpatrick  
Zane A. Oakes, R. N.  
Dr. Fred C. Robbins  
Dr. Lyman G. Richards  
Dr. Thomas L. Duncan  
Lois Brownell  
Edith Vail  
Rosamond Woodward, R. N.  
Catherine Marie Joyce, R. N.  
Florence Rose Lanno, R. N.  
Dorothy Frances Pratt, R. N.  
Eleanor L. Anderson, R. N.  
Taimi Koski, R. N.  
Dr. James E. Lewis, Jr.  
Herbert E. Winslow, Jr.  
Dr. J. Roger Newstedt  
Mary E. McNally  
Dr. Charles Waldo  
Dr. Leonard Harris  
Dr. Daniel R. Grey  
Mary R. Jordan  
Esther Josephine Dean, R. N.  
Pauline Isabelle Newcomb, R. N.

*Elizabeth Thayer Grant, R. N.  
Anita Sedwick, R. N.  
Jean Bentley, R. N.  
Dr. Robert A. Sears  
Dr. Charles G. Jennings  
Dr. William G. Shoch  
Dr. W. H. Clatworthy, Jr.  
Dr. George W. B. Starkey  
Dr. Frank A. Barlow  
Geraldine E. Murphy, R. N.  
Anna Marie Devine, R. N.  
Dorothy J. Keech, R. N.  
Margaret F. Regan, R. N.  
Elizabeth Muzzy, R. N.  
Eleanor H. Clark, R. N.  
Constance A. Kurkul, R. N.  
Gertrude E. Anderson, R. N.  
Clara Mary Wychunas, R. N.  
Hope K. Barrie, R. N.  
Bette Paul, R. N.  
Ann Delia Crocker, R. N.  
Elizabeth A. Higgins, R. N.  
Olga Kreshka, R. N.  
Dr. Geoffrey M. Martin*

*Paul R. Roberts  
Janice S. Fifield  
Dr. Raymond G. Gottschalk  
Robert E. Adams  
Frances Louise Harris, R. N.  
Athala Priscilla Munson, R. N.  
Kathleen Hilden  
Dr. John J. Lowrey  
Dr. Robert W. Atkins  
Dr. Robin G. Anderson  
Dr. Albert N. Ferguson  
Dr. Kenneth J. Welch  
Dr. William A. Dickson  
Dr. Dane G. Prugh  
Dr. Allan B. Stimson  
Dr. Donald E. McLean  
Dr. Phillips Hallowell  
Lois Mary Harden, R. N.  
Shirley Burke, R. N.  
Natalie Blodgett, R. N.  
Jean Lakin Bridges, R. N.  
Ruth Early, R. N.  
Arlene McClure, R. N.  
Virginia Scott, R. N.*

## BOARD OF TRUSTEES

ON August 15, 1944, Samuel H. Wolcott, tendered his resignation as President which was accepted with regret. He was succeeded as President by J. W. Farley, and George S. Lawler was appointed assistant to the President.

The Officers, Trustees and Staff wish to pay tribute to Mr. Wolcott on his retirement as President. Mr. Wolcott has been a trustee since 1914. He served as Treasurer from 1917-1934 and for the ensuing ten years as President. He has given able and devoted service during a period when the Hospital was greatly enlarged. The Trustees are happy to be able to report that Mr. Wolcott remains as trustee and a member of various committees so that his valued services and wealth of experience will still be available.

The daily operation of the Children's Hospital during the past year was mainly a struggle against the handicaps resulting from the war. Staff, nurses, and employees have been greatly depleted and the difficulty of obtaining replacements has continuously increased.

Nevertheless, thanks to the additional and exhaustive efforts of those remaining, the Hospital has been able to continue without closing any of its departments or services.

Various improvements in equipment, arrangements and services of the wards, have been started. Some are already under way and others will be put into effect as soon as war restrictions permit.

Progress in research projects has been maintained, and there have been many contributions by members of the staff to medical and surgical studies. These may be found in the reports of the separate departments.

The main problem concerning the Trustees was that of planning for the future of the Hospital and an expansion of its services.

In the annual report for 1943 the steps taken through the Committee on Hospital Needs and otherwise were recounted. Pursuant to arrangements made by that Committee, the architects had drafted several sets of plans which were studied by the Staff and the Committee and during the summer a general scheme for a new building was formulated.

A continuing study by the officers and staff of the future needs of the Hospital and the possibilities of usefulness to the community led to a general plan for its development, which was submitted to and approved by the Executive Committee, the Trustees and the Staff.

This plan may be briefly outlined as follows: To establish, with the Children's Hospital as a nucleus, a Children's Medical Center, covering all phases of pediatrics. The function of this Center would be not only hospital treatment, but also preventive pediatrics. It would include a more extended out-patient department including a Well-Child Clinic, a Neurological Institute, an Institute of Pediatric Research, an adolescent unit, pathological services to other hospitals, diagnostic clinics, a considerable extension of services to doctors and other hospitals, and greatly increased teaching activities in graduate refresher courses.

Such a Children's Medical Center, as far as we can ascertain, will be the

first of its kind in the world. It will obviously require careful planning and a large amount of money. All those who have been consulted, however, including leading authorities on medical and institutional developments, have given the general idea their warmest approval and have, without exception, stated that such a Center is greatly needed, that the plan conforms to present trends, and that such a Center should, both in itself and by example, be an important contribution to medical progress and the health of coming generations.

We hope that it will be possible to proceed with the whole development as soon as war restrictions are ended, but irrespective of the time element, it is our purpose to make a general plan for the development of The Children's Hospital and its services, which will enable it to make the greatest possible contribution to improving the health and well-being of our children.

Nothing else can be more important for the future of this country.

Towards this end we shall move as rapidly as practicable.

BOARD OF TRUSTEES

## DIRECTOR'S REPORT

THE third year after Pearl Harbor brought with it more unpleasantness than either of the two previous years. To recite the problems and disappointments of the past twelve months would lead to nothing constructive. We managed somehow to run a full house without curtailing the services of any ward.

The operating room has carried a greater load than ever before, praise be to all the people in the Hospital whose staunch courage and tenacity of purpose made this possible.

The morale of the personnel has been such as to warrant the deepest admiration.

The major event to be recorded is the progress in the formulation of plans for a new building, which are gradually taking shape. With it, we are glad to report, has been born the idea of making this a children's medical center; the better to serve the children of New England.

It would seem as if it were our duty as well as our privilege to increase the scope of our influence for the benefit of many, rather than to concentrate on increasing the size of our hospital for the benefit of a few.

While it is common knowledge that hospitals are having a hard time because of lack of employees, it is nevertheless, we believe, true that the general public has no real appreciation of what vital assistance volunteers of all descriptions have rendered to hospitals.

In fact, we doubt if the volunteers themselves, particularly those who have given hours of service to *this* institution are fully aware, not only of the valuable services that they have rendered, but more important still, whether they are aware of the debt of gratitude which this institution owes them.

In order to show the extent of their efforts we attach a schedule showing the number of hours given by various groups during the twelve months of 1944. This adds up to a total of 29,841 hours, the equivalent of 3730 eight-hour days!

Impressive as these figures are, they do not begin to represent the number of paid employees we should have had, had these paid employees been available, but volunteers have enabled us to carry on in the pinches, and we hope that we can count on at least the equivalent in 1945 for we fear very much that conditions may be still worse before they turn for the better.

### THE CHILDREN'S HOSPITAL VOLUNTEER WAR SERVICES—YEAR 1944

Women	Hours
Blood Bank.....	$707\frac{1}{4}$
Cafeteria.....	$2,335\frac{3}{4}$
Laundry.....	$823\frac{3}{4}$
Infants' Laundry.....	$1,171\frac{1}{2}$
Occupational Therapy OPD.....	$1,228\frac{1}{4}$
Occupational Therapy Wards.....	$1,978\frac{1}{2}$

Orderlies, Main Operating Room.....	715 $\frac{1}{4}$
Orderlies, X-ray.....	1,092 $\frac{1}{2}$
Supplies, Main Operating Room.....	1,752
Orderlies, Main Hall.....	413 $\frac{1}{4}$
Social Service.....	519
Secretarial.....	227 $\frac{1}{2}$
Surgical Dressings.....	1,413 $\frac{1}{4}$
Admitting Orderlies.....	11 $\frac{1}{4}$
Blood Laboratory.....	65 $\frac{1}{2}$
Chemistry Laboratory.....	156 $\frac{3}{4}$
E.E.G. Machine.....	63
Child Feeding.....	427
Housekeeping.....	90
Charts.....	163 $\frac{1}{4}$
Photography.....	64
Ward IX.....	341 $\frac{1}{4}$
Clinic Secretaries, etc.....	4,217 $\frac{1}{4}$ (Out-Patient Dept.)

*Total Hours Women.....* 19,974 $\frac{1}{2}$

*Men*

Laundry.....	48
Orderly Main Hall.....	420 $\frac{1}{2}$
Housekeeping.....	1,209
Grounds.....	239 $\frac{3}{4}$

*Total Hours Men.....* 1,916 $\frac{1}{4}$

*Total Hours Men and Women.....* 21,891  
*Nurses Aides (Red Cross).....* 7,950

*Grand Total.....* 29,841

G. v. L. MEYER,  
*Director*

**DIRECTOR'S STATISTICAL REPORT—IN-PATIENT**

	<i>Census Dec. 31, 1943</i>	<i>Admiss.</i>	<i>Treated</i>	<i>Disch.</i>	<i>Census Dec. 31, 1944</i>
Medical . . . . .	24	791	815	783	32
Surgical . . . . .	56	1,532	1,588	1,546	42
Orthopedic . . . . .	15	390	405	376	29
Throat . . . . .	15	808	823	820	3
Neurological . . . . .	4	293	297	286	11
Isolation . . . . .	11	260	271	258	13
Public Wards . . . . .	125	4,074	4,199	4,069	130
Private Ward . . . . .	39	1,787	1,826	1,797	29
<b>Totals . . . . .</b>	<b>164</b>	<b>5,861</b>	<b>6,025</b>	<b>5,866</b>	<b>159</b>
Infants' Hospital . . . . .	37	928	965	929	36
				<i>Hosp. Days</i>	<i>Av. Daily Census</i>
Medical . . . . .				11,248	31
Surgical . . . . .				21,409	58
Orthopedic . . . . .				13,190	36
Throat . . . . .				4,559	12
Neurological . . . . .				3,872	11
Isolation . . . . .				3,575	10
Public Wards . . . . .				57,853	158
Private Ward . . . . .				13,056	36
<b>Totals . . . . .</b>				<b>70,909</b>	<b>194</b>
Infants' Hospital . . . . .				14,121	39

**DIRECTOR'S STATISTICAL REPORT—OUT-PATIENT**

<i>Clinics</i>	<i>New Cases</i>	<i>Transfers</i>	<i>Old Cases</i>	<i>Totals</i>
Medical . . . . .	3,363	595	14,165	18,123
Surgical . . . . .	1,810	528	9,765	12,103
Orthopedic . . . . .	1,051	400	9,016	10,467
Throat . . . . .	263	573	1,725	2,561
Scoliosis . . . . .	10	15	1,534	1,559
Physiotherapy . . . . .	5	20	2,488	2,513
Lamp . . . . .	—0—	—0—	—0—	—0—
Dental . . . . .	6	1	395	402
Infantile Paralysis . . . . .	137	—0—	5,012	5,149
<b>Totals . . . . .</b>	<b>6,645</b>	<b>2,132</b>	<b>44,100</b>	<b>52,877</b>

*Emergencies*

Medical . . . . .	424	Total Number of Individuals ..	12,071
Surgical . . . . .	1,191	Daily Av. No. of New Cases ..	22
Orthopedic . . . . .	90	Daily Av. No. of Visits.....	175
Throat . . . . .	159	Minor Operations .....	709
	1,864		

# REPORT OF THE TREASURER

*Balance Sheet as of December 31, 1944*

## ASSETS

*Current Assets:*

Cash in bank and on hand .....	\$ 195,826.13
Accounts receivable, patients.....	28,838.19
Accounts receivable, other.....	3,168.49
Infants' Hospital, balance of share of operating costs .....	8,636.12
Accrued interest and dividends .....	46,234.50
Materials and supplies on hand.....	40,422.88
Prepaid expenses .....	12,776.11
	\$ 335,902.42

*Investment Securities:*

General fund investments.....	\$3,229,659.18
Restricted fund investments.....	1,777,392.41
Building fund investments .....	56,128.89
	5,063,180.48

*Other Investment Property:*

Real Estate .....	\$ 458,750.00
Mortgages receivable .....	51,490.30
	510,240.30

*Plant and Equipment:*

Land .....	\$ 211,128.03
Hospital buildings .....	1,813,962.35
Dormitory property .....	893,135.69
Furniture, equipment and improvements (depreciated value) .....	31,226.96
	2,949,453.03
	\$8,858,776.23

## LIABILITIES AND CAPITAL

*Liabilities:*

Accounts payable (current bills) .....	\$ 42,128.43
Credit balances, accounts receivable.....	1,203.30
School of Nursing, prepaid income .....	4,396.68
Unexpended Income, United States Nurses Corps .....	22,006.10
Reserve for deferred maintenance costs....	30,000.00
Amounts withheld from employees for taxes .....	10,191.43
	109,925.94

*Capital:*

General fund .....	\$6,904,153.29
Restricted investment funds .....	1,724,604.29
New building fund (less expenses) .....	78,598.55
Expendable funds for special purposes .....	41,494.16
	8,748,850.29

Total Liabilities and Capital .....	\$8,858,776.23
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## STATEMENT OF INCOME AND EXPENSE *For the Year 1944*

*Income:*

Hospital revenue .....	\$418,625.60
Income from investments .....	216,743.67
Income from trust funds, etc. ....	14,770.78
	\$650,140.05

*Expenses:*

Operation of Hospital.....	\$755,627.04
Taxes.....	79.80
Publicity.....	591.85
Treasurer's Office (financial matters).....	6,731.99
Miscellaneous.....	3,032.09
 <i>Total Expenses</i> .....	 766,062.77
 <i>Operating Deficit</i> .....	 \$115,922.72
 Community Fund, direct contributions and Welfare Committee Collections .....	 78,323.53
 <i>Net Deficit</i> .....	 \$37,599.19

**LEGACIES AND GIFTS FOR INVESTMENT**  
*Received during 1944*  
**FOR GENERAL FUND**  
**LEGACIES**

*Estate of*

Julius Andrews.....	\$ 2,872.38
Frank E. Bailey.....	2,000.00
Frank B. Bemis (Library Trust) (add'l).....	90,000.00
Fannie M. Blanchard (add'l).....	254.60
Clara H. Briggs (add'l).....	2.30
Lotta M. Crabtree.....	1,000.00
Francis B. Doherty.....	2,500.00
Jere A. Downs.....	15,000.00
Charlotte Bell Eaton (add'l).....	6.35
Lucy H. Eaton.....	450.00
Mrs. Eben H. Ellison.....	1,550.00
Edith R. Fottler.....	1,250.00
Agnes J. MacNevin.....	75,000.00
Cora McIntire.....	787.50
Minnie E. Morse.....	50.00
Florence E. Prince (add'l).....	537.50
E. Gertrude Randall.....	500.00
Annie M. Riley (add'l).....	332.82
Alfred L. Ripley.....	5,000.00
Richard Sears.....	500.00
Edward O. Seccomb.....	1,000.00
Edmund A. Sylvester.....	5,000.00
Ann Tower Tarbell.....	50,000.00
Alice P. Towle.....	1,000.00
Emma Young.....	1,000.00
 	 \$257,593.45

**FOR RESTRICTED INVESTMENT FUND**

Kenneth R. Blackfan Research Fund.....	\$ 40,801.12
Mr. and Mrs. George Peabody Gardner.....	15,000.00
Martha G. James Estate (Arthur A. James Memorial).....	10,000.00
William E. Ladd Chair of Pediatric Surgery (add'l).....	4,974.91
Frederick S. Mead Estate (Katharine R. Mead Fund).....	25,000.00
Frank R. Ober Research Fund (add'l).....	11,955.00
Charles A. Perkins Estate (Laura Bell Perkins Memorial).....	1,000.00
 	 \$108,731.03

**OTHER SPECIAL PURPOSE GIFTS 1944**

	<i>Previous Unexpended Balance</i>	<i>Gifts Received &amp; Income Earned</i>	<i>Expended 1944</i>	<i>Dec. 31, 1944 Unexpended Balance</i>
Angiocardiography Fund.....	\$ 71.50	—	—	\$ 71.50
Apparatus (special) Neurological Dept.....	154.72	15.00	—	169.72
Blackfan, Kenneth D., Research Fund Income.....	—	146.95	—	146.95
Blood Research Fund.....	472.12	50.00	8.00	514.12
Boston Council of Social Agencies—Medical Relief Fund.....	108.68	9.94	9.25	109.37
Building Fund, Special Expense.....	—	1,000.00	—	1,000.00
Children's Hospital Alumni Association Research Fund Income Account—Income..	530.10	220.43	200.00	550.53
C. H. Pediatric Fund.....	755.00	580.00	70.16	1,264.84
Cleft Palate Equipment Fund.....	—	600.00	—	600.00
Committee of the Permanent Charity Fund.....	349.53	1,000.00	—	—
Refund.....	—	586.85	1,479.87	456.51
Conservation Fund.....	4.50	36.73	4.50	36.73
Dickens Fellowship Memorial Fund.....	175.18	25.00	1.85	198.33
Earhart Foundation.....	40.55	—	34.32	6.23
Harwood, Mary Louise.....	11.21	—	—	11.21
Hayden Camp Fund.....	*70.94	1,008.00	—	—
Refund.....	—	613.26	1,551.29	*.97
Holiday Parties.....	—	107.50	107.50	—
Hood, Charles H., Dairy Foundation Blood Research Fund.....	—	7,500.00	3,914.84	3,585.16
Hood Camp Fund.....	27.00	582.36	—	—
Refund.....	—	25.51	602.00	32.87
Infantile Paralysis President's Birthday Ball.....	565.05	—	—	565.05
Infants' Hospital Social Service Dept.....	13.60	—	—	13.60
Kent Research Fund.....	506.71	8,150.76	1,776.86	6,880.61
Ladd, William E. Chair of Child Surgery—Income....	3,786.67	2,754.52	1,499.92	3,041.27
Transfer to Capital.....	—	—	2,000.00	—
Lederle Pathological Fund.....	6.77	181.68	83.50	104.95
(Refund)	1,456.34	1,000.00	—	—
Legg Memorial Fund, H.I.P.C. Refund.....	—	130.00	213.39	2,372.95
Library Fund.....	621.70	197.17	91.24	727.63
Lord, Dr. Elizabeth E., Library Fund.....	321.40	255.00	96.77	479.63
Mason Fund.....	—	1,500.00	—	1,500.00
National Foundation for Infantile Paralysis (Dr. Bronson Crothers' Study).....	5,153.00	5,485.98	5,228.34	3,746.62
Returned to N.F.I.P.....	—	—	1,664.02	—
Ober, Frank R. Research Fund.....	1,100.00	—	—	1,100.00
Occupational Therapy Fund.....	100.48	—	—	100.48
Orthodontia & Dental Fund.....	118.07	—	239.57	*121.50
Orthopedic Department Fund.....	47.15	—	—	47.15
Orthopédic Infantile Research Refund.....	1,988.11	4,904.34	—	—
	—	178.00	4,189.57	2,880.88

Pathology, Experimental Research in . . . . .	253.58	—	250.15	3.43
Pierce, Henrietta M. Pleasure Fund . . . . .	138.22	216.11	159.25	195.08
Research in Children's Surgery—Godfrey M. Hyams Fund . . . . .	77.88	111.50	141.56	47.82
Rollins, Adelaide H. Splint Fund—Income . . . . .	4,024.70	5,000.00	4,029.67	4,995.03
Shuman Clothing Fund—Income . . . . .	227.21	46.64	—	273.85
Silsbee, Katharine E., Fund for Splints—Income . . . . .	138.01	43.22	45.00	136.23
Social Service Sundries . . . . .	685.67	1,080.53	1,538.45	227.75
	364.20	285.25	565.36	84.09
(Refund)				
Solby, Esther Andrews Taxi Fund . . . . .	109.50	100.00	164.28	68.02
Refund . . . . .		22.80		
Stevens, Dr. Ruey B., Charity Fund . . . . .	—	1,000.00	—	1,000.00
Training School Scholarship Fund . . . . .	65.00	—	—	65.00
Ultra Violet Ray Study . . . . .	434.50	—	—	434.50
Weeks, Nelson E., Fund . . . . .	—	1,000.00	1,000.00	—
X-Ray Special . . . . .	499.22	999.96	350.75	1,148.43
<i>Totals</i> . . . . .	\$25,431.89	\$48,750.99	\$33,311.23	\$40,871.65

\*Overdraft

*Income of Funds Added to Principal of Said Funds  
In Accordance with Wording of Deed of Gift*

Charles Tidd Baker Fund . . . . .		\$ 360.59
Esther Andrews Solby Fund . . . . .	\$258.85	
(Portion of Income transferred to temporary fund for cost of transportation of patients)	100.00	
		158.85
Elizabeth C. Ware . . . . .		339.09
Mrs. Lewis I. Prouty . . . . .		621.43
		\$1,479.96

**GIFTS TOWARDS CHILDREN'S HOSPITAL DAYS**

A DONATION of \$1000 carries with it the privilege of dedicating the services of the whole Hospital for one day.

A donation of \$100 gives the same privilege for one Ward for one day.

Inscription	Donor
December 23rd	Donor
The service of the Ward is given in loving memory of ARTHUR T. BRADLEE	MRS. ARTHUR T. BRADLEE

January 1st	Donor
The service of this Ward is given in loving memory of A. F. R.	MRS. F. B. CROWNINSHIELD

### DONATIONS AND SUBSCRIPTIONS

THE HOSPITAL is deeply and sincerely indebted to the donors (individuals, organizations, and clubs) who contributed towards the running expenses in 1944, some making their contributions direct to this Hospital and many kindly designating for the benefit of this Hospital whole or part of their contributions to the Greater Boston United War Fund of which this Hospital is one of the participating charities.

### RESTRICTED INVESTMENT FUNDS

*1869 to December 31, 1944*

Charles Tidd Baker . . . . .	\$ 17,046.33
Ida Chase Baker . . . . .	60,000.00
Ann Barnet . . . . .	5,000.00
Alanson Bigelow . . . . .	5,000.00
Kenneth D. Blackfan Research Fund . . . . .	40,801.12
Helen Sewell Briggs . . . . .	63,889.13
Laura A. Brown . . . . .	9,957.05
The Children's Hospital Alumni Association Research . . . . .	5,100.36
Helen G. Coburn . . . . .	49,900.50
Costello C. Converse . . . . .	25,000.00
Mary A. Coombs . . . . .	17,844.04
Marian Frances and Sarah Winter Copenhagen . . . . .	5,000.00
Susie Dodge Crawford . . . . .	5,000.00
Harriet Otis Cruft . . . . .	20,000.00
Lilla Sargent Cunningham . . . . .	5,000.00
Clara S. Davis . . . . .	25,000.00
Caroline T. Downes . . . . .	51,314.00
Charles H. Draper . . . . .	23,934.12
Eliza J. Bell Draper . . . . .	1,000.00
Eugene F. Farnham . . . . .	5,104.00
Temple R. Fay . . . . .	69,532.50
Marjorie Forbes . . . . .	5,000.00
Thomas A. Forsyth . . . . .	2,000.00
G. Peabody Gardner . . . . .	15,000.00
Amelia Greenbaum . . . . .	48,175.97
Alexander Gunn Endowment . . . . .	9,119.55
Robert Millholland Hanna, Jr. . . . .	5,000.00
Henry C. Haven . . . . .	5,000.00
Charles Hayden Foundation . . . . .	3,000.00
William H. Harvey . . . . .	11,821.97
William Hilton . . . . .	10,000.00
Mary S. Holbrook . . . . .	15,465.42
Charles W. Holtzer . . . . .	41,666.67
George S. Hyde . . . . .	8,625.88
Henry Clay Jackson . . . . .	35,000.00
Arthur A. James Memorial . . . . .	10,000.00
Charles P. Jaynes . . . . .	11,447.00
Mrs. Jerome Jones . . . . .	9,935.95
John D. W. Joy . . . . .	5,000.00
Claude L. Kettle . . . . .	5,000.00
William E. Ladd Chair of Pediatric Surgery . . . . .	67,509.56
Horace A. Latimer . . . . .	43,433.66
Madeleine Lee, In memory of . . . . .	5,000.00
Joseph W. Leighton . . . . .	12,000.00
Maria D. Lockwood Trust . . . . .	5,109.27
Clara N. Marshall . . . . .	5,000.00
Mrs. Edythe Marshall . . . . .	2,250.00
Katharine R. Mead . . . . .	25,000.00
James C. Melvin . . . . .	49,251.25
James C. Melvin, Jr. . . . .	5,000.00

Margaret A. and John Merriam . . . . .	6,000.00
Alice Appleton Meyer . . . . .	1,500.00
Kate M. Morse . . . . .	15,000.00
Mary E. Moseley . . . . .	4,290.00
Albert H. and Margaret Ann Munsell . . . . .	21,105.32
Frank R. Ober Research . . . . .	39,673.80
Albert N. Parlin . . . . .	50,000.00
Amy Peabody . . . . .	50,000.00
Laura Bell Perkins Memorial Fund . . . . .	1,000.00
Henry G. Pickering . . . . .	4,969.56
Henrietta M. Pierce . . . . .	5,000.00
Mrs. Lewis I. Prouty . . . . .	14,999.12
Grace Winthrop Rines, In memory of . . . . .	50,000.00
Adelaide H. Rollins, Splint Fund . . . . .	1,079.11
Frank Davison Rust, Memorial No. 1 . . . . .	6,200.00
Frank Davison Rust, Memorial No. 2 . . . . .	4,000.00
Sara L. Gardner Sears . . . . .	5,000.00
Elizabeth G. Shepard . . . . .	3,100.00
A. Shuman, Clothing Fund . . . . .	1,000.00
Katharine E. Silsbee . . . . .	25,000.00
Esther Andrews Solby . . . . .	6,247.63
Governor Huntley N. Spaulding Orthodontia and Dental Fund . . . . .	600.00
Harriet W. Taber . . . . .	2,584.48
Helen Hallett Thompson . . . . .	11,747.93
John Parker Townsend . . . . .	3,000.00
Elizabeth C. Ware . . . . .	31,730.27
Elizabeth White . . . . .	100,000.00
Mabel Wilbur . . . . .	5,000.00
Charles Loring Young . . . . .	5,000.00
Unnamed restricted funds . . . . .	263,541.77
<i>Total</i> . . . . .	\$1,724,604.29

#### GIFTS TO ESTABLISH MEMORIALS

##### *Endowed Beds*

BY vote of the Board of Trustees, and until further action by the Board, a gift of \$25,000 will endow a bed.

#### MEMORIALS

FOLLOWING a recommendation of the Staff, the Trustees decided to remove all memorial tablets from the walls of the wards, and place them in the future on a panel over the nurses' station of each ward, or elsewhere, and accordingly, it was voted that in the future a donor of not less than \$1000 has a right to place a memorial for a five-year period on the memorial panel.

*One Memorial*  
Lotta M. Crabtree Bed  
From the Trustees, Lotta M. Crabtree Estate

*One Memorial*  
Arthur A. James  
From the Estate of Martha G. James

*One Memorial*  
Katharine R. Mead  
From the Estate of Frederick S. Mead

*One Memorial*  
Laura Bell Perkins  
From the Estate of Charles A. Perkins

**MEMORIALS**  
To December, 1944

**WARD 1, LOWER A**  
**Prouty Ward**

In memory of Anne and Olivia Prouty, 1917-1921

**WARD 1, LOWER B**

Henry Augustus Turner Memorial Bed  
Mabel C. Chester, Brookline, Mass.  
She filled her niche, laughed often  
and loved much. 1865-1921  
Donated by Caroline Shapera. In loving  
memory of her son, H. Clarence  
Shapera, Quebec, Canada, 1881-1891  
In memory of Charles Henry Peirce  
Abigail M. Curran, 1924  
Ellen L. Doe  
Gertrude Gouverneur Hunnewell.  
Born February 3, 1862. Died March  
15, 1890  
George F. Kimball Cot  
Francis Welles Hunnewell. Born No-  
vember 3, 1838. Died September  
30, 1917. President of The Chil-  
dren's Hospital, 1901-1917  
In Loving Memory of Ruth Faxon

In Loving Memory of Wallace L. Pierce  
In Memory of Sullivan Amory, Febru-  
ary 22, 1878—May 5, 1881  
In Loving Memory of Philip Leverett  
Saltonstall, Jr., April 17, 1922—  
April 8, 1925  
James Henry Williams, 1843-1908  
Harriett M. Lothrop  
Presented by the Massachusetts  
Children of the American Revolution  
in Memory of their National Founder  
In Loving Memory, Robert Pearce  
Williams, Aet. 13 years, 1907  
Annie Louise Richards Bed  
In Memory of Mrs. Ida Chase Baker,  
Benefactress of this Institution  
Robert Louis Stevenson  
Carrie Elizabeth Tyler, 1883-1885  
(Sun Parlor)

**WARD 1, UPPER**

Maria Frances Copenhagen  
Sarah Winter Copenhagen  
Florence Dean Curtis  
Jessie Preston Draper  
Margaret Constance Ellis  
In Loving Memory of  
Alice M. C. Matthews  
Susan Wells Preston  
Sara P. Lowell Blake  
Florence Cobb Brooks, 1912-1918  
Rosamond Freeman  
Theresa Pierce  
Bertha F. Taylor  
Harriet Elizabeth Pierce Wood

Ellen Richards Slater  
In Loving Memory of  
Hazel Mills Angevine  
Madeleine Rich Bed  
From the Ethel Maud Clapp  
Memorial Fund  
Massachusetts State Federation  
of Women's Clubs  
Irene Wood Memorial Bed  
In Memory of Clara  
Elizabeth G. Shepard  
Maria P. Bowen Memorial Bed  
In Memory of Hope Clement, 1875-  
1899 (Sun Parlor)

**IDA C. SMITH WARD**  
**MEMORIAL CUBICLES**

In Memory of Robert C. Morse  
In Memory of Alice Mary Longfellow,  
1850-1928  
Gift of Gloria Grant Brown  
In Memory of Catherine A. Fairbanks  
In Loving Memory of Janet Dyas  
Shearer  
In Memory of Harriet Atherton  
Bubier Bergman

Brookline Woman's Club—1929  
Given in Memory of Her Father  
William H. Sands by his daughter  
Ethel  
In Loving Memory of James Woolson  
Hurlbut  
In Memory of Marie Agassiz Felton  
(2 cubicles)

MEMORIAL ROOM  
In Loving Memory Mary Pauline DuPont

WARD 2

In Tender Memory of Lois Dorman Russell, a Beloved Little Child	Charles A. Chapman
Abigaill P. Banchor	In Memory of Annie T. Auerbach.
Boston Section Council of Jewish Women	Born in Philadelphia, Pa., May 3, 1851. Died in Brookline, Mass., August 1, 1916
Women of Somerville, 1922	Ruth E. Martin
Donated by The Ladies' Dog Club 1924	Herbert Billings Rose. Born January 21, 1912. Died June 26, 1917. Aged 5 years, 5 months and 5 days
Gift of Dorchester Club Women, 1921	Carlos Wilson Bed
In Loving Memory of Ralph Hudson Crocker, 1916	Chestnut Hill, 1923
In Memory of Kate Lucy Walsh Benefactress of this Hospital	In Memory of Willard Smith Curtis, 1920
In Loving Memory of Gail Gorham Whitcomb, May 2, 1920	The Amaranth Literary Circle
Children of Eliza James Bell Draper	Martha Higginson Barbour
Cora Belle Towle Room, K. T. A., E. A., G. A. (Sun Porch)	Gift of Dorchester Club Women, 1922
In Memory of Adelaide Augusta Thomas	Catherine Smith Bed. In memory of My Mother
Clara S. Davis Memorial Bed	Caleb James Nichols, Maria A. Nichols, Eunice B. Nichols, Charles Nichols, Benjamin F. Nichols
In Memory of My Beloved Mother, Mary O. N. Stoneman	

WARD 4

Brookline Woman's Club	Massachusetts Maine Daughters, February, 1922
Kent Pettingill	Dorothy Quincy Cot
Livingston Wadsworth	Rachel Tower Tarbell
Brookline, 1923	Wellesley Hills Woman's Club Bed, 1921
In Loving Memory of Charles Dalton, April 18, 1905–April 2, 1910	Brookline Aid
In Loving Memory of William Gray, May 2, 1906, September 22, 1909	In Memory of Edward Jerome Hitchings
Donated by the Swedish Women of Greater Boston, 1922	Lotta M. Crabtree Bed
Catholic Women of Boston	In Loving Memory of Dorothy Winthrop, July 17, 1878–July 23, 1907
In Memory of Charlotte Lowell, August 23, 1918–March 5, 1927	Sarah Wyman Whitman—Lily Bed
In Memory of Bessie Rochester Edwards	In Memory of Mary Devlin, born in Ireland, 1831, died in Salem, 1894
Bessie Rochester Edwards	In Memory of Bessie Porter Edwards
First President Past President Parley	Southborough Woman's Club, 1934
	In Memory of Marjorie Forbes

WARD 5, LOWER A

This Ward is named in memory of Elizabeth White, beloved mother of George Robert White, a Public Spirited Citizen of Boston, who died January 27, 1922, and by his will, among other generous bequests for the welfare of the City, gave liberally towards the support of this Hospital.

## WARD 5, LOWER B

To the Memory of Stephen Wheatland	Robert Millholland Hanna, Jr.
In Memory of Edward Ellery	In Loving Memory of Agnes Hosmer,
Knowlton	November 17, 1901–August 15, 1914
In Loving Memory of	In Memory of William F. Resor
Herman John Huidekoper	Given in Memory of her mother,
James C. Melvin, Jr.	F. Josephine Sands, by her daughter,
Francis Skinner	Ethel
Harriet M. Billings Memorial Bed	In Memory of John White Hallowell,
Charles Dickens, 1812–1870	1878–1927, Manager of this Hospital,
Albert H. Munsell	1924–1927
Charles Loring Young, President of	Mary E. Moseley
the Children's Hospital, 1896–1901	Hattie Adele Close
Frances Adele Close	Richardson Bed in Memory of
In Memory of Mary Hutchins Taft,	Frederick and Arthur Richardson
from her Son, Charles, September,	
1938	

## WARD 5, UPPER

Julia H. Appleton Memorial Bed	In Loving Memory of Lothrop
Frances Todd Baldwin	Melcher, in the interest of Neurology
Selina Jarvie Fletcher	Sarah Wyman Whitman—Lily Bed
Ellen Maria Pierce	Margaret Ann Munsell
Mary Ellen Putnam,	In Memory of Anna Goodwin Tuttle
July 21, 1862–May 21, 1866	In Memory of Louise Shearer Butler
Sarah Eliza Thacher Cot	In Memory of Jack Marvin
Louise Julia Tucker, In Loving	Frank Seaver Billings Memorial Bed
Memory, April 25, 1882	Louis Bridgeman Memorial Bed
Neurological Bed, 1924, donated	In Very Loving Memory of
through Mary E. Trainor	S. Parker Bremer
Albert N. Parlin Free Bed	
A Free Bed established under the will	
of Albert Norton Parlin	

## ISOLATION UNIT IN GRATEFUL RECOGNITION OF DONORS

In Memory of "T", age five	In Memory of Stafford Leighton Brown
In Memory of Ransom C. Pingree, Jr.	Mrs. Lester Leland
Mr. and Mrs. Howard Coonley	Mr. and Mrs. W. Y. Peters
Mrs. P. L. Saltonstall	J. H. Johnson
Mrs. John F. Hill	Bowditch Alumnae Association
In Memory of Elizabeth E. Downs	In Memory of Carlos P. Rockwell

## DONATIONS TOWARDS SUBSCRIPTION BEDS AND C. H. CLUB BEDS

A DONATION of \$100 towards a Subscription Bed or a C. H. Club Bed gives for one year to the donor the right to nominate one person at a time to one of such Beds, subject to the rules and regulations of the Hospital.

	<i>Number of Beds</i>
Ames, Mr. and Mrs. Hobart (for use of North Easton District Nursing Association) . . . . .	1
Buzzard's Bay C. H. Club . . . . .	6
Daffodil C. H. Club . . . . .	3
Donald, Mr. and Mrs. Malcolm . . . . .	1
Hunnewell, James M. . . . .	1

Jackson, Mr. and Mrs. James . . . . .	1
Lewis, Mr. and Mrs. George, Jr. . . . .	1
Lothrop, Mr. and Mrs. Francis B., "Cora Belle Towle Bed" . . . . .	1
Saltonstall, Mrs. Robert . . . . .	1
Sewing Circle of 1919 . . . . .	1
 <i>Total Number of Beds</i> . . . . .	 17

## CERTIFICATE OF AUDITORS

To the Officers and Board of Trustees  
 of THE CHILDREN'S HOSPITAL:

We have made an examination of the financial accounts and records of The Children's Hospital for the year ended December 31, 1944.

We satisfied ourselves that all recorded cash receipts were deposited in banks, and we examined cancelled checks and vouchers in support of the greater part of all disbursements. We verified the balances of cash in bank and on hand by certificates from the bank and by actual count.

We inspected the securities held in the general, the restricted, and the new building funds on January 4, 1945, and examined documents in support of any changes between that date and December 31, 1944. We found that all transactions during the year pertaining to these investments were properly recorded and that collectible income therefrom was accounted for. Securities were generally carried at cost, or in the case of bequests, either at market or assigned values at the date of acquisition.

In our opinion, based upon such examination, the accompanying statements of assets and liabilities and of income and expense present fairly the financial condition of the Hospital at December 31, 1944, and the results of its operations for the year then ended, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

(Signed) CHARLES F. RITTENHOUSE & CO.,  
*Certified Public Accountants*

Boston, Massachusetts  
 February 26, 1945

## MEDICAL DEPARTMENT

THE year 1944 at The Children's Hospital has passed reasonably satisfactorily, except for the difficulties inherent in the present emergency. All the members of the Staff have given freely of their time, often at great personal sacrifice, in order to maintain the work of the Hospital at a high level of efficiency. Without this universal spirit of co-operation it would have been impossible to carry on the varied activities of the Service.

We have been delighted this year to welcome Dr. Harold C. Stuart back to the Children's Hospital after an enforced sojourn in Germany for eighteen months.

The Children's Hospital is particularly fortunate in having Dr. William G. Lennox join our Staff. He brings to The Children's Hospital wide experience and knowledge in the field of epilepsy. The Hospital has already benefited greatly by his association with us.

The arrangement for residents and interns which was in effect last year has been continued without material modification. The interns and residents, although they have come to us with much less preliminary training than has been the case in previous years, have performed their duties remarkably well. It has been possible to give them a well-rounded acquaintance with infants and children though much less thorough than one would wish and than we hope to be able to offer when the restrictions imposed by the war have ceased to operate. A considerable amount of thought has been devoted during the past year to the development of plans for the reorganization of the intern and resident services when it is possible to do so and for the provision of facilities for the training of men whose work was interrupted by entrance into the Armed Services. A tentative plan has been evolved and already a large number of applications for such training have been received.

The admissions to the wards have not been strikingly different from those of previous years. It is pertinent, however, to call attention to the fact that our Isolation Unit has continued to function on a year round basis. We have cared for cases of almost every type of the common contagious diseases. In the summer months, as is always true in a ward limited to contagious diseases, there have been times when the ward was not full, but during most of the year we have had to turn away patients because of lack of space. The Unit suffers from a lack of flexibility resulting from the fact that we have only one floor. If both the third and fourth floors were available for admission of cases of acute infectious diseases, it would be possible to keep patients ill with the highly contagious diseases—chicken pox and measles—and children immune to these infections on the upper floor, while the lower floor could be used for those with acute infections of all sorts. Children admitted to the lower floor during the acute phases of their infections would have the individual isolation possible in this building but impossible in the older wards, and would not be exposed to chicken pox, and thus deprived of an opportunity to transfer to other wards for convalescence. Looking toward the future, we need a new combined x-ray and fluoroscopic unit, one or two new respirators and some improvements at the entrance to make the Unit more hospitable to families coming with their children for admission or to get them on discharge.

Dr. Crothers' Neurological Unit has continued to devote its formal effort to the correlation of medical and psychological information about convalescence.

It is becoming more and more clear that neither convalescence nor recovery in children can be defined usefully unless circumstances allow the observer to collect information which justifies a prediction of the development which could have been expected if the disease or injury had not occurred. Special emphasis has been devoted to the study of the intellectual and emotional factors involved in recovery from acute poliomyelitis and to the study of the educational implication of such findings in relation to other neurological diseases of children, supported by a grant from the National Foundation for Infantile Paralysis, Inc.

The Medical Out-Patient Department has continued to function as in previous years. Dr. Eliot Hubbard, Chief of the Medical Out-Patient Department, has submitted a detailed report which is so illuminating that it is incorporated in full in this report.

"The Medical Out-Patient Department has continued having for its main objective, service to the community. Yet the presence of third year medical students is stimulating as they encounter, perhaps for the first time, the practical Arts of Medicine as well as its scientific application.

The capacity is running now from 45 to 60 cases a day. During 1944 2742 patients had to be turned away because all appointments were filled for many weeks in advance. The appointment system is an absolute necessity, although all critically sick patients or those coming from a distance without appointments are always seen. Of late, the members of the House Staff have shown great enthusiasm and industry, and, because of this, and at their request, it has been made possible to increase the number of cases seen daily. Their spirit has added markedly to the progressiveness and life of the clinic, and is especially appreciated where the outside visiting staff has been so curtailed. Great credit is also due to the visiting physicians whose faithful attendance, despite the increased pressure of private practice, is fundamental to the success of this branch of the Hospital.

The children reaching the Medical Out-Patient Department have been clearly separated from surgical and orthopedic cases by Miss Hedley with her 30 years' experience at the admitting desk; due to her efficient selection, no confusion ever results. Suspicious contagious cases are effectively segregated on the ground floor, examined there in the isolation rooms, and only admitted to the Out-Patient Department if proved innocuous. It is interesting to note the change over the last 20 years in the type of cases being seen. There are hardly any feeding problems requiring intricate formulae, and but few intestinal disturbances other than parenteral. Although treatment is the ultimate consideration, the clinic is becoming more and more a diagnostic one where children are referred to physicians for conditions showing definite groupings as to frequency; such as chronic unexplained low grade fevers; chronic abdominal pain which often proves psychogenic after study, although quite often genito-urinary anomalies are disclosed by pyelography; suspected allergic conditions for skin testing; behavior problems and difficulties with progress in school; heart murmurs to classify; cases of suspected rheumatic fever to prove or disprove or to determine degree of activity; questions of delayed physical and mental

development; and children requiring a search into the background causing obesity and malnutrition.

The trend now, more than in the past, is to study a patient in the Medical Out-Patient Department completely and exhaustively, making heavy calls on the X-ray Department and using all other facilities, even necessitating several visits, rather than to admit to the wards those cases where the information can be equally well obtained in the Out-Patient Department and where specialized study or treatment does not make admission imperative. Such a procedure would not be possible were it not for the willing co-operation of other departments such as the Chemistry Laboratory for blood chemistry studies of metabolic disturbances and drug levels, such as the Bacteriological Laboratory for cultures and special agglutination and heterophile tests, such as the Dietitian for specially prepared reducing and other diets, and such as the departments recording electro-cardiograms and electro-encephalograms. The latter test is becoming more frequently requested and its value utilized. In the Medical Out-Patient Department laboratory, sedimentation rates are being performed in greater number, and the skin tuberculin patch test has become almost a universal routine, questionable ones checked by intradermal tests, and all positive reactors followed up by chest plates and survey of family contacts.

It is constantly emphasized that patients referred to the Medical Out-Patient Department are to be returned to the physician after study is completed and treatment advised, if he so desires. Otherwise, if not treated in the general medical clinic, they may be referred to special clinics within the Hospital established for these purposes,—Anaphylactic, Rheumatic Fever, Congenital Heart, Throat, Luetic, Seizure, Blood, Diabetic, Speech, Dental, Endocrinology, Eczema, etcetera, as the case may be. The always ready response to requests for consultation supplied by the Surgical, Orthopedic and Throat Departments contributes to the smooth handling of conditions complicating the medical picture in given instances.

The Neurological division is called upon to see more cases than is convenient under their present schedule, and psychometric tests are so in demand that appointments have to be made two months in advance.

Dr. Oliver, as Consultant for baffling skin disorders has proved extremely helpful. On his visiting days, once a month, he may be presented with 15 or more cases.

The contribution of Mrs. Edwards as laboratory technician in the Medical Out-Patient Department was of great benefit during the early part of the year, and her presence is sorely missed.

The Social Service Department is invaluable, and, I fear, over-worked. Many details are taken by them from the physicians' shoulders, and their ability to get specialized case histories expedites the distribution of time.

It is unfortunate, but at present inescapable, that many severe emotional disturbances have to be referred to outside agencies equipped with a more extensive psychiatric set-up.

In conclusion, the work of the nurses' aids and volunteers has

added immeasurably to the efficiency of this unit, and the members of the nursing staff have carried more than their share in fulfilling all asked of them and in establishing a friendly atmosphere for the children. As head nurse, Miss Perkins is a rock of stability; knowing all the answers of administration, always cheerful and obliging, she is endeared to parents and staff alike.

We look forward to an era of postwar expansion when competent and eager visiting personnel can be enlarged to the point that all applicants desiring attention may receive it promptly without selective delay, for the Out-Patient Department serves as a close bond between the Hospital and widely scattered general practitioners on the one hand and the public on the other, leading to the creation of good will and confidence."

The Special Clinics in the Medical Out-Patient Department have continued much the same this year as previously.

The Allergy Clinic continues to grow. The attendance ranging from 28 to 63.

The Rheumatic Fever Clinic has been carried on by Dr. Sieracki to whom we are greatly indebted for the sacrifice he has made on behalf of the Hospital. An effort has been made to reduce this year, somewhat, the number of patients returning to this clinic in order to make the load easier. There are now, however, 450 children reporting to this clinic regularly.

Investigation has necessarily been curtailed because of the lack of personnel and the pressure of other work but in spite of this a considerable amount of research has been going forward.

Dr.-Gamble has continued, in collaboration with Dr. Allan M. Butler and others, a further definition of the water requirements of castaways. With Dr. Pratt, he is carrying on a quantitative study of the effectiveness of parenteral therapy, made possible through a grant from the Mead Johnson and Company.

Dr. Shohl has been carrying on special investigation of so-called "Marble Bone" disease and on resistant rickets and will devote a considerable portion of his time next year to the study of lead poisoning.

Dr. Janeway has continued the study of the clinical application of fractions of human plasma in collaboration with the Department of Physical Chemistry of the Harvard Medical School and under a contract between the O.S.R.D. and Harvard College. Dr. Berenberg has been working with him on these problems. Also work along the same general line has been undertaken for the Neurotropic Virus Commission. Working with Dr. Janeway on various projects have been Dr. Hutchins, Dr. Berenberg, Dr. Plachte, Miss Traill and Miss Marks. Dr. Janeway, assisted by Dr. Plachte, has been studying the role of viruses in the etiology of respiratory infections in children. Working with Dr. Pratt, he is just starting a study of the relation of virus infections to diarrheal disease in infants. This is to be carried on under a grant from the Mason Fund.

Dr. Clifford has been particularly interested in certain studies of the premature infant. Although a good deal of this work has been done with patients in the Infants' Hospital, the relation between the Infants' Hospital and The Children's Hospital is so intimate that it should be mentioned in this report. Dr. Clifford has been concerned with the problems connected with vitamin A, and also, in collaboration with Dr. Theodore Terry of the Massachusetts Eye

and Ear Infirmary, in a study of the cause and prevention of certain defects of the eye occurring in prematurely born infants.

Dr. Byers, Dr. Shohl, and Miss Fahey, working under a grant from the Lead Industries Association are undertaking, by chemical means, a study of lead poisoning in children.

Dr. Stuart hopes to develop a special clinic for the study of nutritional diseases during the coming year.

Dr. Diamond has continued the further study of blood diseases in children, aided by a grant from the Hood Foundation. He has carried on clinical and laboratory studies of erythroblastosis, blood incompatibilities, and abnormal agglutinins. This covers, chiefly, the anti-Rh agglutinins and the new inhibitor or blocking substances in the serum of individuals sensitized against the Rh; the effects of anti-Rh agglutinin and inhibitor substances on the offspring of women having these in their serum; the various types of erythroblastosis resulting from different antibodies in the mother; the invitro method of detecting and measuring the antibodies resulting from Rh sensitization.

This year also the *Atlas of the Blood in Children* has been published. This was a joint undertaking of Dr. Diamond and Dr. Blackfan and Dr. Leister. It is an outstanding contribution and reflects great credit upon the authors.

Working with Dr. Diamond during a part of the year has been Dr. Sidney Israels who had been Flight Surgeon in the Canadian Air Forces and who was assigned to this laboratory for special studies.

Dr. Diamond has been continuing his studies of leukemia and has treated a number of children with radio-active phosphorus. He has also carried on studies in relation to aplastic anemia, and a new form of therapy which gives promise of helping children with this disease.

The Blood Grouping Laboratory under Dr. Diamond's direction, is a joint enterprise of the Boston Lying-in Hospital, the Massachusetts Memorial Hospitals, the Massachusetts General Hospital and the Children's Hospital. It has been very busy and is now recognized as one of the leading laboratories in this country working in this field. The specific grouping and typing serums are now being shipped to hospitals all over the City, throughout the State, to all parts of this Country and even occasionally to South America and Europe.

Dr. Pratt is continuing his investigations on the clinical use of some new forms of insulin. The material for this study has been furnished by the Eli Lilly Company through the courtesy of Dr. F. B. Peck.

Dr. Berenberg, in addition to his collaboration with Dr. Janeway, has recently been studying juvenile jaundice and has also been working on some new diagnostic laboratory determinations. He is also studying the end results in children with measles encephalitis.

Dr. Hutchins has been working on the development of a micro-thrombin time method from commercial preparations of thromboplastin. With Dr. Jane-way, she has undertaken the study of nephritis and nephrosis.

I can not close this report without expressing my keen appreciation to the Trustees and to the Director for their unfailing co-operation in all matters concerned with the conduct of the Medical Service. I wish also to express my

admiration for the way the nursing staff has carried on with inadequate personnel but without any relaxation of the standards of service. The nurses' aids and volunteers have also been of inestimable assistance.

RICHARD M. SMITH, M.D.,  
*Physician-in-Chief*

*Publications of Members of the Medical Service of the Children's Hospital during the Year 1944.*

Epilepsy and Convulsions in Childhood.

Byers, R. K.

(*N. E. J. Med.*, Oct. 1944, Vol. 231, p. 556)

Adenoid Bronchitis in Infants and Children.

Clifford, S. H.

(*Med. Clin. No. Am.*, Sept. 1944, Boston number, p. 1091)

The Atlas of the Blood in Children.

Blackfan, K. D., Diamond, L. K., Leister, C. M.

(Published by *The Commonwealth Fund*) 1944

Chronic Diarrhea and its Treatment in Infancy and Childhood.

Diamond, L. K.

(*Med. Clin. of No. Am.*, Sept. 1944)

The Practical Importance of the Rh Blood Type and a Project for the Collection and Preparation of Rh Typing Serum.

Diamond, L. K.

(*Connecticut State Med. Jr.*, Aug. 1944)

Practical Experiences with Congenital Heart Disease.

Green, H.

(Read before the *New York State Med. Soc.*, May 19, 1944)

Concentrated Human Serum Albumin.

Janeway, C. A., Gibson, S. T., Woodruff, L. M., Heyl, J. T., Bailey, O. T., and Newhouser, L. R.

(*Jr. Clin. Invest.*, 23: 465, July, 1944)

The Use of Concentrated Normal Human Serum Gamma Globulin (human immune serum globulin) in the Prevention and Attenuation of Measles.

Janeway, C. A., Ordman, C. W., and Jennings, C. G.

(*Ibid.*, 541).

Clinical Use of Products of Human Plasma Fractionation:

1. Albumin in shock and hypoproteinemia.

2. Gamma globulin in measles.

Janeway, C. A.

(*J. A. M. A.*, 126: 674, November, 1944)

Seizure States.

Lennox, W. G.

(Chapter VI. in *Handbook Personality and Behavior Disorders*, edited by J. McV. Hunt of Brown University, 1944. The Ronald Press Co., New York)

Electroencephalography and Epilepsy.

Gibbs, F. A., and Lennox, W. G.

(*Amer. Jr. Psychiat.* 100: 544, January, 1944)

Employment of Epileptics.

Lennox, W. G., and Cobb S.

(Reprinted with alterations from *Industrial Med.*, 11: 571, December, 1942)

Epilepsy and Paroxysmal Neuropsychiatric Syndromes.

Solomon, H. C., Yakovlev, P. I., and Lennox, W. G.

(Part IV, Chapter 21, pp. 203, *Manual of Military Neuropsychiatry*. W. B. Saunders Co., Philadelphia, Pa., July, 1944)

Cerebral Circulation—Intrinsic Control and Clinical Phenomena.

Lennox, W. G.

(*Fed. Proc.* 3: 151, Sept., 1944)

Epilepsy Literature of 1943.

Lennox, W. G.

(*Epilepsia* 2: 251, Sept., 1944)

Mental Hygiene and the Epileptic.

Lennox, W. G.

(*Bull. Mass. Soc. Mental Hygiene*, October, 1944)

The Clinical Adequacy of a Single Measurement of Vitamin A Absorption.

Pratt, E. L., and Fahey, K. R.

(*Am. Jr. Dis. Child.*, 66: 83, August, 1944)

Acute Bronchiolitis in Infants.

Pratt, E. L.

(*Med. Clin. of No. Am.*, p. 1098, Sept., 1944)

Appraisal of the Nutritional State of Children in Programs of Relief Feeding.

Stuart, H. C.

(*Nutrition Reviews*, Vol. 2, p. 225, Aug., 1944)

Studies of the Nutritional State of Children in Unoccupied France in the Fall of 1942.

Stuart, H. C.

(*Jr. of Ped.*, Vol. 25, p. 257, Sept., 1944)

## MEDICAL DISEASES TREATED IN OUT-PATIENT DEPARTMENT

### *Diseases of the Newborn*

Colic.....	3
Granuloma of umbilicus.....	1
Prematurity.....	7
	11

### *Diseases of Nutrition*

Acidosis.....	9
Anorexia.....	69
Avitaminosis.....	1
Celiac disease.....	6
Celiac syndrome.....	7
Dehydration.....	3
Fat intolerance.....	1
Feeding problems.....	252
Malnutrition.....	70
Nutritional disturbance, acute and chronic.....	26
Pica.....	3
Rickets.....	27
Scurvy.....	20
Tetany.....	1
Vomiting.....	35
	530

### *Diseases of the Respiratory System*

Anomalies, congenital.....	3
Asthma.....	224
Atelectasis.....	1
Atresia.....	1
Bronchiectasis.....	4
Bronchiolitis.....	6
Bronchitis.....	188
Coryza.....	50
Croup.....	4
Deviated septum.....	9
Emphysema.....	1
Fracture, nose.....	1
Grippe.....	10
Hay fever.....	17
Influenza.....	4
Laryngeal stridor, congenital.....	16
Laryngitis.....	9
Nasal obstruction.....	1
Pneumonia.....	25
Pneumonitis.....	11
Rhinitis.....	138
Sinusitis.....	124
Sore throat.....	2
Tracheitis.....	8
Upper respiratory infection.....	518
	1,375

*Diseases of the Alimentary System*

Abdominal pain.....	38
Abscess, alveolar.....	2
Adenoiditis.....	5
Adenoids, hypertrophied.....	25
Anomalies, congenital.....	3
Appendicitis.....	3
Caries, teeth.....	47
Colitis.....	6
Constipation.....	73
Diarrhea.....	45
Diastasis recti.....	1
Edema, uvula.....	1
Enlarged spleen.....	1
Enteritis.....	11
Epigastric pain.....	1
Fecal impaction.....	4
Fecal incontinence.....	2
Fissure in ano.....	12
Frenulum, lip.....	2
Gastritis.....	43
Gingivitis.....	8
Gumboil.....	2
Hematemesis.....	1
Hepatitis.....	1
Hernia, inguinal.....	7
Hernia, umbilical.....	32
Hernia, ventral.....	3
Hirschsprung's disease.....	1
Hyperactive intestine.....	1
Hyperchlorhydria.....	1
Indigestion.....	15
Intestinal parasites.....	51
Intussusception.....	1
Malocclusion of teeth.....	3
Macrostomia.....	1
Megacolon.....	2
Melena.....	4
Nasopharyngitis.....	68
Parotitis.....	1
Pharyngitis.....	122
Prolapse of rectum.....	1
Pruritus ani.....	1
Pyloric stenosis.....	1
Pyloric spasm.....	14
Rectal bleeding.....	1
Rhagades.....	1
Stomatitis.....	22
Teething problems.....	4

*Diseases of the Alimentary System—(Continued)*

Thrush.....	11
Tight anal sphincter.....	1
Tonsillitis.....	168
Tonsils, hypertrophied.....	32
Tonsils, infected.....	15
Tonsils and adenoids, hypertrophied.....	226
Vincent's angina.....	12
	1,160

*Diseases of the Genito- Urinary System*

Albuminuria, orthostatic.....	11
Bacilluria.....	1
Cystinuria.....	1
Cystitis.....	2
Enuresis.....	85
Glycosuria.....	2
Hematuria.....	1
Hydrocele.....	3
Hydronephrosis.....	1
Hypospadias.....	2
Kidney stone.....	1
Leukorrhea.....	1
Meatal ulcer.....	2
Menorrhagia.....	1
Metrorrhagia.....	1
Nephritis.....	18
Nephrosis.....	6
Nocturia.....	1
Oxaluria.....	1
Phimosis.....	30
Pollakiuria.....	1
Polyuria.....	1
Preputial adhesions.....	2
Ptosis of kidney.....	1
Pyelitis.....	18
Pyelonephritis.....	19
Pyuria.....	8
Redundant foreskin.....	4
Tumor, ovarian.....	1
Undescended testicle.....	14
Urethritis.....	2
Urinary retention.....	1
Vaginitis.....	17

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*Diseases of the Circulatory System*

Cardiac dysrhythmia.....	1
Congenital heart disease.....	98
Endocarditis.....	5
Functional heart murmur.....	28
Patent ductus arteriosus.....	2
Rheumatic heart disease.....	23
Rheumatic carditis.....	7
Tachycardia.....	3
Tumor, vascular.....	1
Epistaxis.....	7

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*Diseases of Blood Forming Organs and Lymphatic System*

Anemia, unclassified.....	19
Anemia, alimentary.....	1
Anemia, hyperchromic.....	12
Anemia, iron deficiency.....	7
Anemia, microcytic.....	3
Anemia, nutritional.....	4
Anemia, secondary.....	57
Erythroblastosis.....	5
Hemophilia.....	2
Hodgkin's disease.....	1
Leukemia.....	1
Purpura.....	4
Lymphadenitis.....	86

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*Diseases of the Ductless Glands*

Cretinism.....	2
Diabetes mellitus.....	1
Frohlich's syndrome.....	3
Hyperthyroidism.....	4
Pituitary dysfunction.....	1
Puberty.....	2

13

*Diseases of the Nervous System*

Anxiety state.....	4
Ataxia.....	1
Behavior problem.....	222
Birth injury, cerebral.....	37
Cerebral deficiency.....	10
Cerebral degeneration.....	1
Chorea.....	16
Convulsions.....	57
Defective speech.....	38
Encephalitis.....	9
Epilepsy.....	58
Habit problems.....	14

*Diseases of the Nervous System—(Continued)*

Habit spasm.....	39
Hemiparesis.....	3
Hemorrhage, cerebral.....	1
Hydrocephalus.....	11
Hypertonic child.....	5
Hysteria.....	2
Idiocy.....	2
Insomnia.....	5
Laurence-Moon-Biedl Syndrome.....	1
Meningitis.....	6
Mental retardation.....	130
Microcephalus.....	12
Migraine.....	11
Mongolism.....	38
Myelomeningocele.....	1
Nervous child.....	9
Night terrors.....	4
Paralysis, brachial.....	6
Paralysis, cerebral.....	23
Paralysis, facial.....	3
Paralysis, obstetrical.....	1
Paralysis, spastic.....	14
Phobias.....	2
Psychoneurosis.....	2
Reading difficulty.....	4
Retarded development.....	11
Retarded speech.....	11
Spasm nutans.....	2
Syncope.....	3
Trichophobia.....	2
Vertigo.....	2

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*Specific Infectious Diseases*

Cellulitis.....	3
Chicken pox.....	23
Dysentery.....	3
German measles.....	5
Jaundice, catarrhal.....	22
Measles.....	10
Meningococcemia.....	2
Mumps.....	19
Pertussis.....	45
Poliomyelitis.....	3
Roseola infantum.....	6
Rheumatic fever.....	14
Scarlet fever.....	14
Syphilis.....	5

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### Tuberculosis

Tuberculosis, pulmonary.....	19
Tuberculin reactor.....	16

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### Diseases of the Musculo-Skeletal System

Absence of bone and muscle.....	1
Achondroplasia.....	4
Amyotonia.....	1
Anterior tibial tendinitis.....	1
Arthritis.....	2
Asymmetry of head.....	2
Bow legs.....	1
Bursitis.....	1
Calcaneo-valgus feet.....	1
Chondrodystrophy.....	3
Club feet.....	2
Congenital anomalies, unclassified.....	5
Dislocations, shoulder, knee.....	2
Everted feet.....	1
Flat feet.....	6
Foot strain.....	6
Funnel breast.....	3
Ganglion.....	1
Knock knees.....	1
Lordosis.....	2
Marble bones.....	1
Metatarsus varus.....	1
Micrognathia.....	1
Morquio's disease.....	1
Muscle strain.....	1
Myalgia.....	2
Osteomyelitis.....	1
Polydactylism.....	1
Poor posture.....	12
Pronated feet.....	30
Scoliosis.....	5
Spina bifida.....	1
Synovitis.....	5
Tight heel cords.....	2
Torticollis, congenital.....	1

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### Diseases of the Skin

Abrasions.....	3
Abscesses.....	2
Acne.....	1
Acrodynia.....	1
Alopecia areata.....	3

*Diseases of the Skin—(Continued)*

Bites, dog.....	1
Bites, insect.....	39
Burns.....	4
Chloasma.....	1
Dermatitis, unclassified.....	146
Ecchymosis.....	1
Eczema.....	281
Ecthyma.....	3
Epidermophytosis.....	10
Erythema nodosum.....	3
Erythroderma.....	5
Fungus infection.....	7
Furunculosis.....	17
Hemangioma.....	4
Hematoma.....	4
Herpes simplex.....	2
Herpes zoster.....	2
Hyperhidrosis.....	1
Ichthyosis.....	3
Impetigo.....	101
Infections, non-specific.....	7
Intertrigo.....	3
Keloid.....	1
Keratosis pilaris.....	1
Lichen planus.....	2
Miliaria.....	21
Molluscum contagiosum.....	1
Moniliasis.....	2
Nevus.....	5
Paronychia.....	3
Pediculosis.....	12
Pityriasis rosea.....	7
Poison ivy.....	7
Psoriasis.....	3
Pyoderma.....	3
Ringworm.....	20
Scabies.....	24
Scleroderma.....	1
Seborrhea.....	7
Sudamina.....	1
Sunburn.....	1
Urticaria.....	39
Vitiligo.....	5
Warts.....	8

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*Diseases of the Eye*

Blepharitis.....	1
Blindness, congenital.....	1

*Diseases of the Eye—(Continued)*

Cataract, congenital.....	4
Chalazion.....	2
Chemical irritation of eye.....	1
Conjunctivitis.....	24
Dacrocystitis.....	2
Defective vision.....	13
Edema of eye.....	1
Eye strain.....	1
Granuloma of eyelid.....	2
Hordeolum.....	6
Keratitis.....	2
Myopia.....	1
Nystagmus.....	3
Refractive error.....	1
Stenosis of lacrymal duct, congenital.....	1
Strabismus.....	9
Trichiasis.....	1

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*Diseases of the Ear*

Cerumen, impacted.....	5
Deaf mute.....	3
Deafness.....	17
Mastoiditis.....	1
Otitis media.....	207
Preauricular tab.....	1
Protruding ears.....	1

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*Unclassified*

Adolescence.....	2
Allergy, unclassified.....	139
Assault.....	1
Contusions.....	5
Dead on arrival.....	3
Deferred.....	171
Edema, angioneurotic.....	3
Fatigue.....	4
Fever, undetermined etiology.....	2
Ingestion, belladonna.....	1
Ingestion, bluing.....	1
Ingestion, cuticle remover.....	1
Ingestion, drug.....	1
Ingestion, gulf spray.....	1
Ingestion, medicine.....	1
Ingestion, mothball.....	1
Ingestion, mouse poison.....	1
Ingestion, mouth wash.....	1

*Unclassified—(Continued)*

Ingestion, nail polish remover.....	1
Ingestion, starch.....	1
Ingestion, toilet water.....	1
Injuries, head.....	4
Injuries, lower extremities.....	5
Injuries, trunk.....	2
Injuries, upper extremities.....	2
Lacerations.....	2
Lead poisoning.....	9
Mastitis.....	1
Masturbation.....	3
No disease.....	522
Not seen.....	11
Obesity.....	46
Vaccination.....	1
Vasomotor instability.....	1

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**MEDICAL DISEASES TREATED IN THE WARDS  
AND PRIVATE WARD**

<i>Diseases of the Newborn</i>	<i>New</i>	<i>Old</i>
Asphyxia.....	1	
Edema of newborn.....	1	
Erythroblastosis, fetalis.....	7	
Kernicterus.....	3	
Melena, neonatorum.....	1	
Regulation of feeding.....	9	
Sepsis of newborn.....	1	
Tetany, neonatorum.....	1	

24

*Diseases of Nutrition*

Avitaminosis.....	1	
Carotinemia.....	1	
Coeliac disease.....	12	1
Coeliac syndrome.....	4	
Gaucher's disease.....	1	
Multiple vitamin deficiency.....	1	
Nutritional disturbance, acute and chronic.....	4	3
Obesity.....	4	
Pancreatic fibrosis.....	3	1
Rickets.....	4	
Tetany, hypocalcemic.....	1	

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**MEDICAL DEPARTMENT**

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*Diseases of the Respiratory System*

Asthma.....	27	3
Atelectasis.....	5	
Branchiogenic cyst.....		1
Bronchiectasis.....	6	
Bronchiolitis.....	7	3
Bronchitis.....	35	2
Empyema.....	6	
Epiglottitis (Influenzal).....	2	
Ethmoiditis.....	3	
Hemosiderosis of lung.....		3
Laryngeal stridor.....	3	
Laryngitis.....	3	
Laryngo-tracheitis.....	7	2
Pleural effusion.....	3	1
Pleurisy.....	3	
Pneumonia.....	130	14
Pulmonary suppuration.....	2	
Rhinitis.....	1	
Sinusitis.....	43	
Tonsillitis.....	76	9
Tracheitis.....	7	1
	369	39

*Diseases of the Alimentary Tract*

Abdominal pain, unknown etiology.....	4	
Abscess, peritoneal.....	1	
Achalasia.....	1	
Appendicitis.....	3	
Colitis.....	6	
Congenital malformation of G.I. tract.....	2	
Constipation.....	3	
Dental caries.....	3	2
Diarrhea.....	15	1
Dilatation of esophagus.....	1	
Dysentery.....	15	
Enteritis.....	5	1
Esophageal varices.....	1	
Fissure, anal.....	1	
Gastritis.....	8	1
Gingivitis.....	1	
Glossitis.....	2	
Hematemesis.....	2	
Hemorrhage, intestinal.....		1
Hepatitis.....	1	
Hernia.....	6	
Impacted feces.....	1	
Intestinal obstruction.....	1	
Liver disease, cause undetermined.....	1	

### *Diseases of the Alimentary Tract—(Continued)*

Malrotation of intestine	1	
Melena	1	
Oxyuriasis of appendix	1	
Oxyuriasis of intestines	1	
Paralytic ileus	1	
Parasitic infestation	9	2
Peritonitis		1
Pharyngitis	74	6
Proctitis	1	1
Pyloric stenosis	11	
Pylorospasm	1	
Situs inversus	1	
Stomatitis	3	
Stricture, esophagus	1	1
Tumor, jaw	1	
Vincent's angina	4	
	195	17

### *Diseases of the Genito- Urinary System*

Albuminuria	1	
Balanitis	1	
Calculus in ureter	1	
Cholecystitis		1
Congenital malformations of G. U. tract	15	
Cystitis	1	
Embryoma of kidney	1	
Enuresis	2	3
Glomerulonephritis	25	6
Hematuria	2	
Hemorrhoids	1	
Hydronephrosis	3	
Hydroureters	3	
Meatal ulcer	1	
Muellerian duct remains	1	
Nephritis	19	
Nephrolithiasis	1	
Nephrosclerosis	1	
Nephrosis	4	
Nephrotic syndrome	3	2
Orchitis	2	
Phimosis	1	1
Pyelitis	8	1
Pyelonephritis	13	1
Pyuria	6	
Renal cystinosis	1	
Renal osteodystrophy	2	
Uremia	1	

*Diseases of the Genito-Urinary System—(Continued)*

Vaginitis . . . . .	4	
Vulvitis . . . . .	1	1
	125	16

*Diseases of Circulatory System*

Capillary hyperpermeability . . . . .	1	
Cardiac failure . . . . .	2	1
Carditis . . . . .	1	
Coarctation of aorta . . . . .	1	
Endocarditis . . . . .	1	
Heart disease, congenital . . . . .	37	1
Heart disease, rheumatic . . . . .	26	1
Hypertension . . . . .	2	
Periarteritis nodosa . . . . .	2	
Pericarditis . . . . .	2	
Peripheral edema . . . . .	1	
Polyarteritis . . . . .	1	
Telangiectasis . . . . .	1	
Thrombophlebitis . . . . .	1	
Thrombosis . . . . .	1	
	80	3

*Diseases of the Blood, Blood Forming Organs and Lymphatic System*

Agranulocytosis . . . . .	1	
Anemia, due to acute blood loss . . . . .		2
Anemia, erythroblastic . . . . .	1	
Anemia, hemolytic . . . . .	1	3
Anemia, hemorrhagic . . . . .	1	
Anemia, hypochromic . . . . .	2	
Anemia, hypoplastic . . . . .	4	3
Anemia, macrocytic . . . . .	1	
Anemia, Mediterranean . . . . .	1	
Anemia, nutritional . . . . .	2	
Anemia, secondary . . . . .	4	2
Anemia, undetermined cause . . . . .	1	1
Banti's disease . . . . .	2	
Hemolytic icterus . . . . .	1	
Hemophilia . . . . .		7
Hodgkin's disease . . . . .	1	
Hypertrophy of lymphoid tissue . . . . .	1	
Hypoglycemia . . . . .	1	1
Leukemia . . . . .	9	
Lymphadenitis . . . . .	54	4
Lymphadenosis, benign . . . . .	1	
Lymphoma, malignant . . . . .	1	
Neimann-Pick's disease . . . . .		2
Polycythemia . . . . .	2	

*Diseases of the Blood, Blood Forming Organs and Lymphatic System—(Continued)*

Purpura . . . . .	18	3
Smith-Howard syndrome . . . . .	1	
Splenomegaly . . . . .	2	1
	113	29

*Diseases of Ductless Glands*

Adenoma, pituitary . . . . .	3	
Atrophy of thyroid . . . . .	1	
Cretinism . . . . .	1	
Diabetes mellitus . . . . .	10	5
Goiter, toxic, diffuse . . . . .	1	1
Hyperthyroidism . . . . .	2	
Hypertrophy of thyroid . . . . .	1	
Hypoplasia, parathyroids . . . . .	1	
Precocity . . . . .	2	
	22	6

*Tuberculosis*

Tuberculin reactor . . . . .	3	1
Tuberculosis . . . . .	10	1
Tuberculous meningitis . . . . .	1	
Tuberculous peritonitis . . . . .	1	1
Tuberculous sinus, hip . . . . .		1
	15	4

*Diseases of the Nervous System*

Amaurosis, familial . . . . .	1	1
Amyotonia congenita . . . . .	4	
Anomalies of brain . . . . .	14	
Anoxemia, intracranial . . . . .	1	
Arachnoiditis . . . . .	1	
Athetosis . . . . .	2	
Atrophy, cortical . . . . .	5	
Behavior problem . . . . .	24	3
Birth injury . . . . .	12	2
Brain tumor . . . . .	3	1
Breath holding spells . . . . .	1	
Cephalgia . . . . .	1	1
Cephalohematoma . . . . .	2	
Cerebral injury . . . . .	1	
Cervical sympathetic paralysis to plantar syndrome . . . . .	1	
Chorea . . . . .	7	1
Concussion, cerebral . . . . .	5	
Convulsions . . . . .	61	6

*Diseases of the Nervous System—(Continued)*

Deficiency, cerebral . . . . .	19	2
Disease undiagnosed of nervous system . . . . .	1	
Edema, cerebral . . . . .	3	2
Encephalitis . . . . .	29	3
Encephalocele . . . . .	1	
Encephalomylitis . . . . .	1	
Encephalomyelopathy . . . . .	3	
Encephalopathy . . . . .	22	3
Epilepsy . . . . .	37	2
Epileptic deterioration . . . . .	1	
Focal motor cortical seizure . . . . .	1	
Functional disorder . . . . .	1	
Gliosis, brain . . . . .	1	
Habit disturbance . . . . .	6	1
Hematoma, subdural . . . . .	8	
Hemiatrophy . . . . .	1	
Hemiparesis . . . . .	3	
Hemorrhage, intracranial . . . . .	6	1
Heteropia cerebralis . . . . .	1	
Hydrocephalus . . . . .	8	
Hyperesthesia . . . . .	1	
Hysteria . . . . .	1	
Juxtapillaris . . . . .	1	
Meningismus . . . . .	5	
Meningitis . . . . .	62	1
Microcephaly . . . . .	3	
Mongolism . . . . .	6	
Neoplasm, intracranial . . . . .	2	
Nervous condition, unknown origin . . . . .	1	
Neurological observation . . . . .	1	
Neuropathy, femoral nerve . . . . .	1	
Neurotic traits . . . . .	1	
Over activity . . . . .	1	
Palsy, cerebral . . . . .	28	3
Papilloma, choroid plexus . . . . .	1	
Paralysis, facial . . . . .	2	
Paralysis, hypoglossal . . . . .	1	
Paralysis, spastic . . . . .	38	1
Personality changes . . . . .	2	
Poisoning, lead . . . . .	5	
Polyneuritis . . . . .	1	
Radiculitis . . . . .		1
Retardation, mental . . . . .	128	13
Retardation, physical . . . . .	4	
Retinochoroiditis . . . . .	1	
Sclerosis, tuberous . . . . .	1	
Speech defect . . . . .	3	1
Spina bifida occulta . . . . .	1	

*Diseases of the Nervous System—(Continued)*

Teratoma, spinal cord.....	1
Thrombosis, sinus?.....	2
Tremor, arm, cause unknown.....	1
Trichocryptomania.....	1
Tumor, posterior fossa.....	2
Ventricular dilatation.....	3
	1
	612
	52

*Specific Infectious Diseases*

Acrodynia.....	1
Acute infection, undiagnosed.....	1
Bacteremia.....	13
Cellulitis.....	10
Chicken pox.....	18
Common cold.....	51
Diphtheria.....	8
Diphtheria carrier.....	2
Furunculosis.....	2
Haverhill fever.....	1
Infection, parotid gland.....	1
Jaundice, catarrhal.....	10
Measles.....	27
Meningococcemia.....	5
Mononucleosis.....	4
Mumps.....	12
Paratyphoid.....	1
Pertussis.....	25
Pneumococcemia.....	2
Poliomyelitis, acute, anterior.....	65
Positive Widal.....	1
Rheumatic fever.....	24
Rheumatic fever with heart disease.....	7
Roseola Infantum.....	2
Scarlatina.....	2
Scarlet fever.....	44
Septicemia.....	9
Streptococcal infection.....	1
Tetanus.....	4
Typhoid fever.....	1
Virus infection.....	1
	353
	40

*Diseases of the Musculo-Skeletal System*

Abnormal posture.....	1
Absence of digit.....	1
Absence of radius.....	1
Acute toxic suppression of bone marrow.....	1
Arthritis.....	14

*Diseases of the Musculo-Skeletal System—(Continued)*

Ataxia, cause unknown.....	2	
Contracture of toe extensors.....	1	
Coxa plana.....	1	
Cyst of bone.....	1	
Dyschondroplasia.....	1	
Fractures.....	7	
Genu valgum.....	1	1
Hypertelorism.....	1	
Marble bones.....	1	
Micrognathia.....	1	
Muscle dystrophy.....	2	
Osteomyelitis.....	3	1
Polyarteritis.....	3	
Pronated feet.....	1	
Scoliosis.....	1	
Short tendo-Achillis.....	1	
Synovitis.....	1	
Talipes equino-valgus.....	1	
Talipes equino-varus.....	2	
Torticollis.....	2	
Varus feet.....	1	1
	53	3

*Diseases of the Skin*

Abscesses.....	3	
Abrasions.....	1	
Alopecia.....	1	
Dermatitis, unclassified.....	5	1
Dermatomyositis.....	2	1
Eczema.....	11	2
Erythema.....	3	
Exanthem subitum.....	3	
Foreign body.....	2	1
Hygroma.....	2	
Impetigo.....	2	
Infection, fungus.....		1
Infection, staphylococcal, secondary.....	1	
Lacerations.....	6	1
Paronychia.....	1	
Pediculosis capitis.....	5	1
Poison ivy.....	1	
Scabies.....		1
Scleroderma.....	1	
Skin eruption, etiology unknown.....	1	
Urticaria.....	1	
Vincent's angina.....	1	
	53	9

### *Diseases of the Eye*

Blindness . . . . .	3	
Congenital visual defect . . . . .		1
Conjunctivitis . . . . .	4	
Corneal opacity . . . . .	1	1
Dacrocystitis . . . . .	1	
Diplopia . . . . .	1	
Ophthalmritis . . . . .	1	
Ophthalmoplegia . . . . .	1	
Optic atrophy . . . . .	4	1
Optic neuritis . . . . .	1	
Pterygium . . . . .	1	
Ptosis, eyelid . . . . .		1
Retinitis . . . . .		1
Squint . . . . .	1	
Uveitis . . . . .	1	
Visual defect . . . . .	2	
	22	5

### *Diseases of the Ear*

Deafness . . . . .	9	1
Mastoiditis . . . . .	12	3
Otitis media . . . . .	16	7
Perforation of ear drum . . . . .	1	
	38	11

### *Unclassified*

Aerophagia . . . . .	1	
Allergy . . . . .	11	4
Blood transfusion reaction . . . . .	1	
Deferred . . . . .	9	
Dehydration temperature . . . . .	1	
Disease undiagnosed . . . . .	7	
Drug reaction . . . . .	2	2
Edema, generalized . . . . .	1	
Epistaxis . . . . .	1	
Fever, unknown etiology . . . . .	8	1
Hay fever . . . . .	1	
Heat stroke . . . . .	1	
Hemorrhage into tissues . . . . .		1
Medical observation . . . . .		1
No disease . . . . .	17	
Pilonidal sinus . . . . .	1	
Poisoning, drug . . . . .	14	
Submersion . . . . .	1	
	77	9

## REPORT OF THE DEPARTMENT OF SURGERY

The striking features of the year 1944 for the Department of Surgery were the difficulties in keeping pace with the demands made upon it. The difficulties were due to decreased physical equipment resulting from abandoning two operating rooms in the Private Ward made necessary by the shortage of nursing personnel. This threw an extra load on the already overtaxed and inadequate main operating rooms. There was also a marked shortage of anesthetists which would have limited our work greatly but for the untiring efforts and devotion to duty of our head anesthetist, Miss Lank. The intern and resident staff in this year for the first time were entirely a product of the accelerated medical school program and of Procurement and Assignment's shortened so-called 9-9-9 program. Both of these latter factors were of course unavoidable war necessities and also undesirable.

On January first of this year a new compliment of house officers and residents came on duty. As the months moved on, it was apparent that the results of this 9-9-9 program had been the production of men inadequately trained to become good interns, mainly because they had been pushed through too fast for them to absorb many of the fundamentals which normally are expected of a man when he becomes a house officer. Consequently, the details of pre- and postoperative care of a patient had to be retaught with a great deal more exactness than heretofor.

A series of intern lectures were instituted to supplement the constant checking that went on from day to day by both the Resident and the Visiting Staffs.

Again, on October first the Resident and Intern Staffs changed for the second time and an entirely new group of men entered the Surgical Service. Once again, it was necessary to repeat all of these lectures and go even further into detail on methods of treatment. For a comparison, an intern in prewar years would have had from 15 to 18 months postgraduate experience before he was given the responsibility of running our infants' surgical ward. He would know drug dosages, fluid and feeding requirements and would have attained some degree of surgical judgment. The year 1944 was a trying time for both the intern and the visiting staff but by constant endeavor the work kept on at an accelerated pace with results of which we are justly proud. These young men probably worked harder to learn than any other group that we have ever trained and we are all high in praise of their enthusiasms, untiring efforts and final accomplishments.

A brief study of the number of operations done on the Surgical Service exclusive of the Nose and Throat Service will illustrate the increased tempo of work accomplished in 1944. In the prewar year of 1941, when we had our full staff in residence, the number of operations was 1438. The following year (1942) after many had left to join the Services, this figure jumped to 1559. In 1943, when we were still operating on a reduced compliment, the figure jumped to 1707. In 1944, we reached the total of 2033, a rough increase of 41 per cent over 1941, plus 1270 operations were done in the nose and throat specialty. Thus, the general surgical service had to furnish the intern service for patients requiring 3303 operations. This increase in demand is particularly striking when one considers the fact that an effort was made to postpone or omit many operations of choice.

Also, on account of the war situation our interns had to give some time to the Orthopedic Service.

In addition to the routine work, many important research problems were being carried out in the surgical laboratories. From this and the clinical sources, a certain number of papers were written, a list of which is appended.

For the Ear, Nose, and Throat Department Dr. Charles F. Furguson has continued to function without too much difficulty throughout the year 1944. Dr. Herman A. DeWilde continued to remain on the service as Resident Otolaryngologist and in the spring will have completed two full years in that capacity. He has been of inestimable assistance in the routine working of the service and has handled the Out-Patient Department Clinic most satisfactorily. It is hard to realize how the Department could have functioned with a new resident in this particular specialty every few months.

There was a definite decrease in the number of mastoid operations performed during the year as compared with former years. In 1944 only 78 mastoid operations were performed as against 109 during 1943 and an average of 97 during the preceding two years. This decrease is undoubtedly due to better care of the patient during his original attack of otitis media, noted not only among our own clinic patients, but also in the patients referred from outside doctors. Unquestionably, the sulfonamide drugs have played an important role in the reduction of the incidence of mastoiditis. The number of foreign bodies removed from the esophagus, bronchi, and larynx still continues on the increase. It is encouraging to feel that in many of these cases the diagnosis is made shortly after the accident has occurred, and the patient is referred immediately for endoscopic procedures.

Because of the prevalence again of acute anterior poliomyelitis during the summer and fall, no tonsillectomies or adenoidectomies were performed either on the Private Ward or on the Public Ward from the middle of August until the end of November. This resulted in the anticipated acute congestion during December. As noted in last year's report, it is still suggested that in the future the tonsil and adenoid operations had best be planned for early spring and summer to obviate the difficulty of such a tremendous number of unoperated cases needing surgery as late as December and January. This would also obviate many disappointments among parents and doctors as well, and the peak of the T&A operating season would not coincide with the peak of acute respiratory diseases, thereby overtaxing the hospital facilities.

The teaching schedule of the Department has been continued as heretofore with formal lectures and informal ward rounds for the third-year students of the Harvard Medical School, and the organized lectures for the students of the Schools of Nursing of The Children's Hospital and the Peter Bent Brigham Hospital. In addition, some teaching has been given the physiotherapy students in their graduate course at the Harvard Medical School and a group of graduate nurses in their postgraduate work at the Boston University School of Education.

Dr. Harry W. Perkins reports the war continues to be a handicap in the progress of the Orthodontic Department. However, it is possible to report additional growth once more, especially in the amount of time the facilities of the department have been used the past year.

The Cleft Palate Clinic continues to operate one half day a week, with two operators. Dr. Pierce of Greenfield joins us every other week and gives the entire day to the Clinic. Dr. Pierce does both orthodontia and general dentistry and he is rapidly restoring the mouths of our children to a healthy condition as regards, caries, extractions, etc.

The Harvard School of Dental Medicine is now using the facilities of the department for teaching and clinic purposes five and one-half days a week, and, in addition, provides the department with a secretary, Miss Connor, who is in attendance each week day.

The partition with doors across the hall plus new furnishings has provided the department with a more satisfactory and attractive waiting room.

A large lavatory adjacent to the operating rooms has been remodeled, which adds another room to our dental unit, and provides a room for consultation and general business purposes.

The Orthodontia Clinic received a gift of \$500.00 from the Permanent Fund. This amount provided several new lights of special design plus other miscellaneous equipment, thus bringing the clinic up to modern standards in every respect.

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We leave 1944 not satisfied but proud of what we have been able to do under adverse conditions. We look forward to seeing men rejoin our staff from the Armed Forces in 1945 and 1946. We also look forward to the Board of Managers raising adequate funds to allow for new much needed buildings and for funds to enable The Children's Hospital to assume the lead in the care of sick children.

**WILLIAM E. LADD, M.D.,**  
*Surgeon-in-Chief*

## PUBLICATIONS

Ladd, William E. The Surgical Treatment of Esophageal Atresia and Tracheo-esophageal Fistulas. *N.E.J.M.*, 230: 625-637, May, 1944.

Ladd, William E., and Scott, H. William, Jr. Esophageal Duplications or Mediastinal Cysts of Enteric Origin. *Surgery*, 16: 6: 815-835, December, 1944.

Ingraham, Franc D., and Matson, Donald D. Subdural Hematoma in Infancy. *J. Ped.*, 24: 1: 1-37, January, 1944.

Ingraham, Franc D., and Bailey, Orville T. The Use of Products from Human Fibrinogen and Human Thrombin in Neurosurgery. Fibrin Foams as Hemostatic Agents; Fibrin Films in Repair of Dural Defects and in Prevention of Meningocerebral Adhesions. *J. Neurosurgery*, 1: 23-29, January, 1944.

Ingraham, Franc D., Bailey, Orville T., and Nulsen, Frank E. Studies on Fibrin Foam as a Hemostatic Agent in Neurosurgery, with Special Reference to its Comparison with Muscle. *Jr. Neurosurgery*, 1: 171-181, May, 1944.

Ingraham, Franc D. Neurosurgical Problems of Childhood. *Bull. N.E. Medical Center*, 6: 3, June, 1944.

Ingraham, Franc D., and Bailey, Orville T. Chemical, Clinical and Immunological Studies on the Products of Human Plasma Fractionation, XXI. The Use of Fibrin Foam as a Hemostatic Agent in Neurosurgery: Clinical and Pathological Studies. *J. Clin. Inves.*, 23: 591-596, July, 1944.

Ingraham, Franc D., and Bailey, Orville T. Chemical, Clinical and Immunological Studies on the Products of Human Plasma Fractionation, XXII. Fibrin Films in Neurosurgery, with Special Reference to Their Use in the Repair of Dural Defects and in the Prevention of Meningocerebral Adhesions. *J. Clin. Inves.*, 23: 597-600, July, 1944.

Ingraham, Franc D., and Bailey, Orville T. Cerebellar Medulloblastoma with Verification 19 Years after the Onset of Symptoms. *J. Neurosurgery*, 1: 252-257, July, 1944.

Ingraham, Franc D., and Bailey, Orville T. Clinical Use of Products of Human Plasma Fractionation: iii. The Use of Products of Fibrinogen and Thrombin in Surgery. *J. A. M. A.*, 126: 680-685, November 11, 1944.

Gross, Robert E. Complete Surgical Division of the Patent Ductus Arteriosus: A Report of Fourteen Successful Cases. *Surg., Gynec. and Obst.*, 78: 6, 1944.

Gross, Robert E. (with Ulse, M. C., Weissman, N., Rowland, R., and Ferrebee, J. W.) Subclinical Vitamin Deficiency VI. Skeletal Muscle Thiamin in Infants and Children. *Am. J. Dis. Child.*, 67: 30, 1944.

Gross, Robert E., and Chisholm, Tague C. Annular Pancreas Producing Duodenal Obstruction: Report of a Successfully Treated Case. *Ann. Surg.*, 119: 759, 1944.

Cutler, George D., and Scott, H. William, Jr. Transmesenteric Hernia. *Surg., Gynec. and Obst.*, 79: 509-515, November, 1944.

Cutler, George D., and Scott, H. William, Jr. Lymphosarcoma of the Bowel in Childhood. Read by title at meeting of N. E. Surgical Society. (In publication.)

Ferguson, Charles F., and Scott, H. William, Jr. Papillomatosis of the Larynx in Childhood. *N. E. J. M.*, 230: 477-482, April, 1944.

Ferguson, Charles F. (with Clifford, Stewart H., and Neuhauser, Edward B. D.) Adenoid Bronchosinusitis in Infants and Children. *Med. Clin. N. Am.*, Boston Number, September, 1944.

Ferguson, Charles F., and Neuhasuer, Edward B. D. Congenital Absence of the Lung (Agenesis) and Other Anomalies of the Tracheobronchial Tree. *Am. J. Roentgenol. and Radiology Therapy*, 52: 5, November, 1944.

Ferguson, Charles F., and Neuhasuer, Edward B. D. X-ray Treatment of Conductive Deafness. (In publication.)

## SURGICAL OUT-PATIENT DEPARTMENT

### *Diseases of the Ductless Glands*

Diabetes . . . . .	2
Obesity . . . . .	4
	6

### *Diseases of the Respiratory System*

Adenoiditis . . . . .	1
Anomaly of nose . . . . .	1
Bronchitis . . . . .	4
Bronchiectasis . . . . .	1
Deviated septum . . . . .	2
Epistaxis . . . . .	1
Foreign body in nose . . . . .	5
Foreign body in pharynx . . . . .	1
Laryngitis . . . . .	1
Nasopharynitis . . . . .	6
Pharyngitis . . . . .	12
Rhinitis . . . . .	1
Sinusitis . . . . .	2
Tonsillitis, tonsils and adenoids . . . . .	21
Upper respiratory infection . . . . .	37
	96

### *Diseases of the Alimentary System*

Abdominal pain . . . . .	61
Abscess, abdominal . . . . .	1

*Diseases of the Alimentary System—(Continued)*

Abscess, alveolar . . . . .	5
Abscess, ischiorectal . . . . .	1
Abscess, perianal . . . . .	2
Abscess, submandibular . . . . .	1
Adhesions, duodenal . . . . .	1
Anal stenosis . . . . .	1
Anal stricture . . . . .	1
Appendicitis . . . . .	7
Arteriole of lip . . . . .	1
Carious teeth . . . . .	1
Cleft palate . . . . .	16
Cleft uvula, congenital . . . . .	1
Colitis . . . . .	1
Congenital anomalies . . . . .	4
Constipation . . . . .	54
Defect linea alba, abdomen . . . . .	1
Diarrhea . . . . .	2
Diastasis recti . . . . .	5
Duodenitis . . . . .	1
Enteritis . . . . .	3
Fecal impaction . . . . .	5
Fissure in ano . . . . .	18
Fistula . . . . .	3
Foreign body in esophagus . . . . .	6
Foreign body in gastro-intestinal tract . . . . .	5
Foreign body in stomach . . . . .	47
Gastro-enteritis . . . . .	48
Gastro-intestinal bleeding . . . . .	1
Glossitis . . . . .	1
Harelip . . . . .	7
Harelip and cleft palate . . . . .	6
Hemorrhoids . . . . .	2
Hirschsprung's disease . . . . .	2
Imperforate vagina . . . . .	1
Incontinence of feces . . . . .	1
Melena . . . . .	1
Pinworms . . . . .	1
Polypsis of colon . . . . .	1
Prolapse of rectum . . . . .	25
Pylorospasm . . . . .	3
Pyloric stenosis . . . . .	2
Rectal bleeding . . . . .	4
Rectal polyp . . . . .	9
Stomatitis . . . . .	2
Thyroglossal cyst . . . . .	5
Tight anal sphincter . . . . .	5
Vomiting . . . . .	1

*Diseases of the Genito- Urinary System*

Balanitis . . . . .	8
Adherent labia minora . . . . .	1
Bladder stone . . . . .	1
Contracture of penis . . . . .	1
Cystitis . . . . .	1
Edema, penis . . . . .	1
Edema, scrotum . . . . .	1
Enuresis . . . . .	4
Epispadias . . . . .	1
Extrophy of bladder . . . . .	2
Hematuria . . . . .	4
Hydrocele . . . . .	13
Hydronephrosis . . . . .	1
Hyperplasia of breast . . . . .	2
Hypertrophy of breast . . . . .	2
Hypospadias . . . . .	26
Imperforate vagina . . . . .	1
Inflammation of urethral meatus . . . . .	1
Jaundice . . . . .	3
Kidney stone . . . . .	1
Mastalgia . . . . .	1
Mastitis . . . . .	1
Meatal Stenosis . . . . .	1
Meatal ulcer . . . . .	35
Meatal stricture . . . . .	4
Nephritis . . . . .	1
Nephrosis . . . . .	1
Paraphimosis . . . . .	6
Phimosis . . . . .	213
Polyuria . . . . .	1
Pyelitis . . . . .	4
Pyelonephritis . . . . .	2
Pyuria . . . . .	1
Preputial adhesions . . . . .	5
Stricture, urethra . . . . .	5
Swollen penis . . . . .	1
Undescended testicle . . . . .	44
Atopic testicle . . . . .	1
Uretero-pelvis obstruction . . . . .	1
Urinary retention . . . . .	3
Urethritis . . . . .	1
Vaginitis . . . . .	1

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*Diseases of the Lymphatic System*

Abscess, axillary . . . . .	3
Abscess, cervical . . . . .	5
Abscess, femoral . . . . .	1

### *Diseases of the Lymphatic System—(Continued)*

Abscess, submaxillary . . . . .	2
Adenitis, auricular . . . . .	3
Adenitis, axillary . . . . .	3
Adenitis, cervical . . . . .	5
Adenitis, femoral . . . . .	4
Adenitis, inguinal . . . . .	8
Adenitis, mesenteric . . . . .	2
Adenitis, submaxillary . . . . .	1
Adenitis, tuberculosis . . . . .	1
Elephantiasis . . . . .	1
Lymphadenitis . . . . .	8
Milroy's disease . . . . .	1

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### *Diseases of the Nervous System*

Behavior problem . . . . .	3
Birth injury . . . . .	1
Brain tumor . . . . .	2
Cerebral damage . . . . .	1
Concussions . . . . .	15
Convulsions . . . . .	3
Defective speech . . . . .	1
Encephalitis . . . . .	1
Encephalocele . . . . .	6
Epilepsy . . . . .	4
Facial paralysis . . . . .	1
Head injury . . . . .	11
Hydrocephalus . . . . .	19
Infection, head . . . . .	1
Infection, lower extremities . . . . .	5
Meningitis . . . . .	4
Meningocele . . . . .	8
Mental retardation . . . . .	1
Mongolism . . . . .	3
Myelomeningocele . . . . .	21
Obstetrical paralysis . . . . .	1
Petit mal . . . . .	1
Retarded speech . . . . .	1
Spastic diplegia . . . . .	1
Spina bifida . . . . .	7

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### *Diseases of the Skin*

Abrasions . . . . .	35
Abscesses . . . . .	38
Avulsion, of nail . . . . .	1
Bites, dog . . . . .	30
Bites, insect . . . . .	21

*Diseases of the Skin—(Continued)*

Blister	7
Burns	34
Callous	1
Cellulitis	16
Chalazion	3
Contusions	69
Cysts	14
Dermatitis	10
Ecchymosis	2
Eczema	5
Epidermophytosis	1
Epithelioma	1
Eponychia	1
Erythema nodosum	1
Fibroma	4
Foreign body	28
Furunculosis	36
Ganglion	8
Granuloma of umbilicus	5
Hemangioma	255
Hematoma	46
Ichthyosis	1
Impetigo	5
Ingrown nails	5
Keloid	4
Lacerations	275
Lipoma	1
Miliaria	1
Mucocele	1
Nevus	33
Papilloma	1
Paronychia	7
Poison ivy	2
Puncture wound	9
Purpura	1
Ringworm	2
Scar	3
Seborrhea	1
Sunburn	2
Warts 19, plantar 7	26
Zanthoma	2
	1,067

*Diseases of the Bones and Muscles*

Absence of bone and muscle	1
Accessory scaphoid	1
Asymmetry of head, congenital	2
Bursitis	1

### *Diseases of the Bones and Muscles—(Continued)*

Chondrodystrophy . . . . .	1
Claw hands, and feet . . . . .	1
Clubhand . . . . .	1
Cyst, Baker's . . . . .	3
Congenital deformity of chest . . . . .	2
Congenital deformity of elbow . . . . .	1
Congenital deformity of hand . . . . .	4
Congenital deformity of spine . . . . .	1
Dislocations . . . . .	2
Fractures . . . . .	61
Osteomyelitis . . . . .	1
Polydactylysm . . . . .	6
Poor posture . . . . .	1
Pronated feet . . . . .	2
Scaphocephaly . . . . .	3
Scoliosis . . . . .	1
Subluxation of shoulder . . . . .	2
Subperiosteal calcification of knee . . . . .	1
Syndactylysm . . . . .	3
Synovitis . . . . .	2
Talipes varus foot . . . . .	1

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### *Diseases of the Muscle, Tendons and Fascia*

Contractures . . . . .	5
Hernia, epigastric . . . . .	1
Hernia, femoral . . . . .	1
Hernia, incisional . . . . .	1
Hernia, inguinal . . . . .	171
Hernia, spigelian . . . . .	1
Hernia, umbilical . . . . .	92
Hernia, ventral . . . . .	1
Muscle strain . . . . .	1
Sprains . . . . .	30
Strains . . . . .	7

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### *Diseases of the Eye and Ear*

Abscess, ear external . . . . .	1
Anomaly of ears . . . . .	6
Epicanthal folds . . . . .	1
Foreign body, ear . . . . .	1
Foreign body, eye . . . . .	4
Hordeolum . . . . .	7
Lop ears . . . . .	5
Mastoiditis . . . . .	1
Otalgia . . . . .	1
Otitis media . . . . .	32

*Diseases of the Eye and Ear—(Continued)*

Praeauricular tab	4
Protruding ears	1
Ptosis, eyelid	2
Strabismus	1
Synechia	1
	—

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*Miscellaneous Diseases*

Allergy	1
Anemia, nutritional	1
Anorexia	1
Asthma	2
Chicken pox	1
Crushed finger	1
Feeding problem	1
Heart disease, congenital	2
Hemorrhage	3
Hilum tuberculosis	1
Ingestions	3
Oil 1, Paragoric 1, Silver nitrate 1	
Lead poisoning	1
Malnutrition	1
Measles 1, german 1	2
Mumps	2
Patent ductus arteriosus	2
Pediculosis	3
Rheumatic fever	4
Rickets	2
Scarlet fever	1
Scurvy	3
Syphilis	2
Trauma: head 2, arm 1	3
	—
	43
Deferred	99
No disease	84
	—
	183

**OUT-PATIENT DEPARTMENT OPERATIONS***With Anesthesia*

Circumcisions	138
Dilatation, meatal	5
Dilatation, urethral	38
Debridement	7
Endothermy	41
Extraction of tooth	1
Fractures, reduction of	48

Incision and drainage of abscesses and septic wounds.....	131
Lysis of adhesions for tongue tie.....	8
Myringotomy .....	88
Proctoscopy .....	17
Removal of chalazion .....	1
Removal of cysts .....	8
Removal of auricular tabs .....	1
Removal of foreign body from ear .....	1
Removal of foreign body from esophagus .....	2
Removal of foreign body from hand .....	2
Removal of foreign body from vagina .....	2
Removal of foreign body (region unspecified) .....	10
Removal of ganglion .....	1
Removal of hemangioma .....	13
Removal of nail for paronychia .....	16
Removal of rectal polyp .....	1
Removal of warts .....	3
Removal of wen .....	3
Removal of xanthoma .....	1
Repair of hymen .....	1
Roentgen ray treatments with anesthesia .....	15
Wound sutures .....	106
Vaginal examination .....	1
Total number of operations .....	709

#### Without Anesthesia

Carbon-dioxide snow treatments .....	427
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### SURGICAL DISEASES TREATED IN THE WARDS

<i>Diseases of the Alimentary System</i>	<i>New</i>	<i>Old</i>
Abdominal pain, unknown etiology .....	31	3
Achalasia .....		1
Adhesions .....	2	4
Alveolar defect .....	19	
Annular pancreas .....	1	
Appendicitis .....	86	11
Atresia, bile ducts .....	3	1
Atresia, esophagus .....	8	2
Atresia, intestines .....	6	
Cirrhosis .....	2	
Cleft palate .....	124	34
Colitis .....	4	2
Congenital anomalies (not listed) .....	21	12
Constipation .....	6	1
Cyst and tumors of the G.I. tract .....	16	4

*Diseases of the Alimentary System—(Continued)*

Dental caries . . . . .	8	3
Diarrhea . . . . .	2	2
Diastasis recti . . . . .		1
Displacement of gastric mucosa . . . . .		1
Dysentery . . . . .	1	
Enteritis . . . . .	1	
Evisceration, small bowel . . . . .	1	
Fissure, anus . . . . .	6	1
Fissure, rectourethral . . . . .	2	
Fistula, arteriovenous . . . . .	1	
Fistula, broncho-pleural . . . . .	1	
Fistula, chest wall . . . . .		1
Fistula, fecal . . . . .	1	
Fistula, parotid duct . . . . .	1	
Fistula, recto-perineal . . . . .	11	
Fistula, tracheo-esophageal . . . . .	8	4
Fistula, urethro-rectal . . . . .	4	3
Foreign body in G.I. tract . . . . .	16	1
Gangrene of ileum . . . . .	1	
Gastro-enteritis . . . . .	5	
Harelip . . . . .	93	20
Hemolytic icterus . . . . .	1	
Hypertrophy of tonsils and adenoids . . . . .	7	5
Impacted feces . . . . .	5	4
Imperforate anus . . . . .	38	8
Incontinence, feces . . . . .		1
Incontinence, fecal and urinary . . . . .	1	1
Incontinence, urinary . . . . .	3	8
Intussusception . . . . .	12	
Irritability of colon . . . . .	1	
Laryngeal stridor . . . . .	1	
Laryngitis . . . . .		1
Macrostoma . . . . .	3	
Malrotation of intestine . . . . .	9	1
Meckel's diverticulum . . . . .	7	1
Meconium ileus . . . . .	1	
Megacolon . . . . .	3	
Melena . . . . .	6	2
Microglossia . . . . .	1	
Mobile cecum . . . . .	2	
Obstruction, intestinal . . . . .	9	3
Obstruction, uretero-pelvic junction . . . . .		1
Oxyuriasis of appendix . . . . .	4	3
Peritonitis . . . . .	8	1
Prolapse, distal loop of colostomy . . . . .	1	
Prolapse, loop of sigmoidostomy . . . . .	1	
Prolapse, rectal . . . . .	1	
Pyloric stenosis . . . . .	67	2

*Diseases of the Alimentary System—(Continued)*

Pylorospasm . . . . .	3	1
Ruptured spleen . . . . .	1	
Spasm, sigmoid . . . . .	1	
Sphincter, anal spasm . . . . .	2	
Stenosis . . . . .	6	
Stenosis, intestinal . . . . .	1	
Stricture, esophageal . . . . .	8	2
Stricture, rectum . . . . .		1
Thrush . . . . .	1	
Vomiting . . . . .	1	
	708	158

*Diseases of the Bones and Joints*

Bursitis . . . . .	2	
Compression of cervical cord . . . . .	1	
Congenital anomaly of bone . . . . .	42	4
Dislocation of hip . . . . .	1	1
Avulsion of finger . . . . .	2	
Fractures . . . . .	60	2
Ganglion of knee joint . . . . .	1	
Hemivertebra . . . . .	2	
Ingrown toenail . . . . .	1	
Leggs' disease . . . . .	1	1
Marble bones . . . . .	1	
Necrosis . . . . .	1	
Neuroma of finger . . . . .	1	
Osteochondroma . . . . .	1	1
Osteomyelitis . . . . .	9	5
Plantar fascitis . . . . .	1	
Scoliosis . . . . .	1	
Subluxation of radial head . . . . .	1	
Talipes calcaneo-valgus . . . . .	2	
Talipes equino-varus . . . . .	6	1
Teratoma, sacral coccygeal . . . . .	3	1
Torticollis . . . . .	3	
Trauma of hand . . . . .	1	
	144	16

*Diseases of the Cardiovascular System*

Aneurysm, buttock . . . . .	1	
Aneurysm, carotid artery . . . . .	1	
Endocarditis . . . . .	1	
Heart disease, congenital . . . . .	9	3
Heart disease, rheumatic . . . . .	4	
Patent ductus arteriosus . . . . .	14	3
Pericarditis . . . . .	2	

*Diseases of the Cardiovascular System—(Continued)*

Phlebostasis . . . . .	1
Telangiectasis . . . . .	1
Thrombophlebitis . . . . .	1
Thrombosis . . . . .	1
Venous engorgement . . . . .	1
	—
	37      6

*Diseases of the Ductless Glands*

Adenoma, thyroid . . . . .	1
Anhidrosis . . . . .	1
Hypertrophy of breast . . . . .	1
Hyperplasia of thymus . . . . .	2
Precocious puberty . . . . .	1
	—
	6

*Diseases of the Eye and Ear*

Anomaly of ear, not lop ear . . . . .	10
Anomaly of eye . . . . .	14
Lop ears . . . . .	5
Mastoiditis . . . . .	1
Otitis media . . . . .	7
	—
	37      4

*Diseases of the Genito- Urinary System*

	New	Old
Anomalies of kidney and ureter . . . . .	28	14
Anomalies of genitalia . . . . .	30	4
Anuria . . . . .	1	
Bleeding due to ulceration, mucosal surface of penis . . . . .	1	
Calculus in kidney . . . . .	5	1
Cord bladder . . . . .	1	
Enuresis . . . . .	3	
Epispadias . . . . .	13	2
Exstrophy of bladder . . . . .	13	1
Fistula, recto-urethral . . . . .		1
Fistula, recto-vaginal . . . . .	13	3
Fistula, recto-vesicle . . . . .	3	1
Fistula, urethra . . . . .	1	
Glomerulonephritis . . . . .	1	
Hematoma, kidney . . . . .	1	
Hematoma, vulva . . . . .	1	
Hematuria . . . . .	2	1
Hydrocele . . . . .	67	
Hydrometrocolpos . . . . .	1	
Hydrometros . . . . .	1	2

#### *Diseases of the Genito- Urinary System—(Continued)*

Hydronephrosis . . . . .	26	9
Hypospadias . . . . .	10	1
Nephritis . . . . .	10	
Obstruction, uretero-pelvic junction . . . . .	1	1
Orthostatic albuminuria . . . . .	1	
Phimosis . . . . .	19	1
Pyelonephritis . . . . .	5	1
Pyuria . . . . .	1	3
Stenosis, recto-sigmoid . . . . .	1	
Stenosis, splenic flexure of colon . . . . .	1	
Stricture, recto-sigmoid . . . . .	3	
Stricture, uretero-vesicle junction . . . . .	1	
Stricture, urethra . . . . .	1	1
Tumors of genito-urinary tract . . . . .	12	4
Undescended testicle . . . . .	30	4
Uremia . . . . .	1	
Ureterocele . . . . .	1	
Vaginitis . . . . .		1
	310	56

#### *Diseases of the Lymphatic System*

Elephantiasis . . . . .	1	
Lymphadenitis . . . . .	12	
Lymphadenitis, mesenteric . . . . .	1	1
Lymphangioma . . . . .	3	
Lymphangitis . . . . .	2	
	17	3

#### *Diseases of Muscles, Tendons and Fascia*

Division of ulnar artery . . . . .	1	
Division of ulnar nerve . . . . .	1	
Division of tendon . . . . .	1	
Hernia, diaphragmatic . . . . .	12	
Hernia, epigastric . . . . .	1	
Hernia, incisional . . . . .	4	
Hernia, inguinal . . . . .	174	20
Hernia, umbilical . . . . .	34	2
	228	22

#### *Diseases of the Nervous System*

A-V Fistula . . . . .	1	
Anomaly of central nervous system . . . . .	19	5
Arachnoiditis . . . . .		1
Arnold Chiari Syndrome . . . . .	1	1
Atrophy, cortical . . . . .	23	3

*Diseases of the Nervous System—(Continued)*

Birth injury . . . . .	1	3
Brain tumor . . . . .	15	2
Brain tumor suspect . . . . .	8	2
Cephalohematoma . . . . .	2	
Concussion, brain . . . . .	20	
Convulsions . . . . .	11	4
Deficiency, mental . . . . .	5	2
Diastasis, lambdoid suture . . . . .	1	
Encephalitis . . . . .	2	
Encephalocele . . . . .	6	
Encephalopathy . . . . .	2	1
Epilepsy . . . . .	6	2
Fibrosarcoma, lumbar region . . . . .	1	
Focal motor cortical seizure . . . . .	1	
Fracture of skull . . . . .	20	1
Hematoma, subdural . . . . .	29	11
Hydrocephalus . . . . .	31	5
Lead poisoning . . . . .	1	
Lipochondrodystrophy . . . . .	1	
Meningitis . . . . .	6	
Mongolism . . . . .	1	
Neuropathy, facial nerve . . . . .	1	
Paralysis, cerebral . . . . .	2	
Paralysis, facial . . . . .	1	
Paralysis, flaccid . . . . .	1	
Paralysis of larynx . . . . .	1	
Paralysis, spastic . . . . .	7	1
Platybasia . . . . .	1	
Poliomyelitis, old . . . . .	1	3
Speech defect . . . . .	1	
Spina bifida occulta . . . . .	5	7
Spina bifida with myelomeningocele . . . . .	26	3
Teratoma, spinal cord . . . . .	1	
Transverse myelitis . . . . .		2
	262	59

*Diseases of the Respiratory System*

Anomaly of cartilaginous ring . . . . .	1	
Atelectasis . . . . .	1	
Bronchiectasis . . . . .	8	4
Bronchitis . . . . .	5	
Chronic pulmonary suppuration . . . . .	1	
Common cold . . . . .	12	2
Cystic disease of lung . . . . .	1	
Empyema . . . . .	4	8
Hemopneumothorax . . . . .	1	
Pharyngitis . . . . .	2	

*Diseases of the Respiratory System—(Continued)*

Pleural effusion.....	2	
Pneumonia.....	10	2
Sinusitis.....	4	
Stenosis of bronchus.....		1
Tumor of lung.....	3	
	54	18

*Diseases of the Skin and Subcutaneous Tissues*

Abrasions.....	2	
Abscesses.....	40	11
Animal bite.....	1	
Branciogenic cyst.....	1	
Branchiogenic sinus.....	4	1
Burns.....	38	4
Cellulitis.....	14	5
Cicatrix.....	8	1
Contusions.....	3	
Cysts of skin.....	29	3
Dermatitis.....	1	1
Eczema.....	1	
Electrical burn of lip.....	1	
Furuncle.....	1	
Furunculosis.....	3	1
Hemangioma.....	62	11
Hematoma.....	1	
Impetigo.....	2	
Infections.....	4	1
Lacerations.....	49	2
Nevus.....	8	
Puncture wound.....	2	
Roseola infantum.....	1	
Scars.....	5	
Tumor of skin.....	22	1
Ulcer.....		1
Wound of forehead.....	1	
Wringer arm.....	6	
	310	43

*Systemic Diseases, Hospital Complications and Miscellaneous*

Anemia.....	1	2
Chicken pox.....	1	
Deferred.....	6	2
Dehydration.....	1	
Disease undiagnosed.....	2	
Draining sinus of face.....	1	
Eosinophilia.....	1	

*Systemic Diseases, Hospital Complications and Miscellaneous—(Continued)*

Exanthematoses	2	
Fever, unknown etiology	4	
Hemophilia	1	1
Hemorrhages	4	
Hodgkin's disease		1
Leukemia	1	
Measles	1	
Multiple congenital anomalies	1	
No disease	12	
Nutritional disturbance	25	2
Oxyuria vermicularis	1	
Paronychia		1
Pilonidal sinus	2	
Positive reaction to tuberculin test	2	
Scarlet fever	2	
Surgical scarlet fever	1	
Tuberculosis	4	1
	76	10

## SURGICAL OPERATING ROOM

### *Operations of the Respiratory System*

Abscess, lung	
Attempted lobectomy . . . . .	1
Changing of empyema button . . . . .	1
Rib resection . . . . .	1
Anomaly of bronchus	
Pneumonectomy . . . . .	1
Bronchiectasis	
Attempted pneumonectomy . . . . .	1
Bronchoscopy	
Bronchoscopy with insertion balloon . . . . .	1
Bronchoscopy and pneumonectomy . . . . .	1
Incision and drainage . . . . .	1
Lobectomy . . . . .	3
Lobectomy and linguectomy . . . . .	2
Bronchopneumonia	
Bronchoscopy . . . . .	1
Collapse of main bronchus	
Pneumonectomy . . . . .	1
Empyema	
Rib resection . . . . .	10
Tumors, lung	
Biopsy . . . . .	1
Excision . . . . .	1

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### *Operations of the Alimentary System*

Abdominal pain, question of etiology	
Appendectomy, decompression of ovary . . . . .	1
Appendectomy and exploratory laparotomy . . . . .	5
Proctoscopy, exploratory laparotomy and appendectomy	1
Abscess, alveolar	
Tonsillectomy and adenoidectomy, extraction of tooth . . . . .	1
Abscess, pelvic	
Incision and drainage . . . . .	1
Achalasia of esophagus	
Dilatation . . . . .	2
Adhesions	
Exploratory laparotomy . . . . .	1
Freeing of adhesions, Ladd's procedure and appendectomy	1
Laparotomy with lysis of adhesions . . . . .	1
Resection and side to side anastomosis . . . . .	1
Anal fissure spasm	
Anal dilatation, manual . . . . .	1
Appendicitis, acute, perforated and with abscess	
Appendectomy . . . . .	54

*Operations of the Alimentary System—(Continued)*

Appendectomy with drains.....	21
Appendectomy with drains and insertion of diazine.....	35
Appendectomy and exploratory laparotomy .....	8
Appendectomy, exploratory laparotomy and proctoscopy .....	1
Enterostomy .....	1
Lysis of adhesions .....	1
<b>Atresia of bile ducts</b>	
Cholecystoduodenostomy .....	1
Exploration .....	5
Exploration and biopsy .....	1
Exploration and Cholecystostomy .....	1
Exploration and Choledochoduodenostomy .....	2
Laparotomy with removal of duodenal catheter .....	1
<b>Atresia, esophageal and tracheo-esophageal fistula</b>	
Closure of fistula .....	1
Dilatation, marsupialized esophagus .....	13
Division and anastomosis .....	1
Exploration and ligation .....	1
Freeing and laying of esophageal rope graft with construction of anterior thoracic esophagus, partial .....	1
Gastrostomy .....	4
Insertion esophageal string guide .....	1
Ligation .....	3
Ligation and division .....	1
Ligation, division and anastomosis .....	1
Ligation, jejunostomy and gastrostomy .....	1
Marsupialization .....	8
Mediastinal exploration .....	2
Plastic .....	1
Revision of gastrostomy .....	2
<b>Atresia, intestinal</b>	
Duodenojejunostomy .....	1
Exploratory laparotomy, lysis of adhesions and duodeno-jejunostomy .....	1
Exploratory laparotomy, lysis of adhesions and ileocolostomy .....	1
Ileo-atresia with side to side anastomosis .....	1
Side to side jejunoojejunostomy .....	2
Suture of evisceration .....	1
<b>Cellulitis of perineum with imperforate anus</b>	
Anoplasty .....	1
<b>Cleft palate</b>	
Plastic .....	96
Tonsillectomy and adenoidectomy .....	5
<b>Cleft palate bleeding</b>	
Packing of palatal incision .....	1
<b>Colitis, ulcerative</b>	
Ileostomy .....	3

*Operations of the Alimentary System—(Continued)*

Proctoscopy . . . . .	5
Colostomy, post-operative	
Clamping of colostomy spur . . . . .	1
Closure of colostomy . . . . .	3
Proctoscopy . . . . .	1
Colostomy, post-operative and imperforate anus	
Proctoplasty with division of recto-vesical fistula . . . . .	1
Colostomy, prolapsed	
Reduction . . . . .	1
Colostomy and spina bifida	
Coloscopy . . . . .	1
Cysts and tumors of the G.I. tract	
Biopsy . . . . .	1
Excision . . . . .	6
Excision and biopsy . . . . .	1
Exploratory laparotomy and biopsy . . . . .	2
Exploratory laparotomy and excision . . . . .	1
Exploratory laparotomy with ligation of iliac artery . . . . .	1
Proctoscopy . . . . .	4
Proctoscopy and excision . . . . .	3
Re-exploration of abdomen with lysis of adhesions and insertion of sulfathiazole . . . . .	1
Resection, Mikulicz's type . . . . .	1
Dental caries	
Extraction . . . . .	16
Fecal impaction	
Proctoscopy . . . . .	4
Fecolith of bowel	
Removal . . . . .	1
Fistula, anal	
Drainage . . . . .	1
Excision . . . . .	1
Repair . . . . .	2
Fistula, recto-perineal	
Closure . . . . .	1
Perineorrhaphy . . . . .	1
Fistula, recto-vaginal	
Exploration of perineal opening with injection of barium and lipiodol . . . . .	1
Proctoscopy with excision . . . . .	1
Fistula, recto-vulvar	
Repair . . . . .	1
Foreign body in G.I. tract	
Exploratory laparotomy with removal . . . . .	6
Exploratory laparotomy with removal and appendectomy	2
Harelip	
Plastic to lip . . . . .	90
Plastic to lip and nose . . . . .	1

*Operations of the Alimentary System—(Continued)*

Plastic to nose .....	1
Harelip and cleft palate	
Extraction of teeth .....	4
Extraction of teeth and excision of premaxilla .....	1
Plastic to palate and lip .....	4
Hemolytic jaundice	
Splenectomy .....	1
Hydrometrocolpos	
Transabdominal colpotomy .....	1
Hypertrophied tonsils and adenoids	
Tonsillectomy and adenoidectomy .....	7
Imperforate anus	
Anoplasty .....	7
Exploration .....	1
Passing urethral catheter, probing colostomy .....	1
Proctoscopy .....	2
Sigmoidostomy .....	3
Intrahepatic biliary obstruction	
Exploration of bile duct and insertion of catheter .....	1
Intussusception	
Closure of ileostomy .....	1
Exploratory laparotomy .....	2
Reduction .....	4
Reduction and appendectomy .....	4
Reduction and resection, Mikulicz's type .....	3
Resection with closure of ileostomy .....	1
Lymphadenitis, mesenteric	
Exploratory laparotomy and appendectomy .....	1
Malrotation of intestines	
Closure of colostomy .....	1
Exploratory laparotomy and appendectomy .....	1
Exploratory laparotomy, Ladd's procedure and lysis of adhesions .....	6
Exploratory laparotomy, reduction, Witzel enterostomy and proctoscopy .....	1
Ileocolostomy .....	1
Reduction .....	1
Resection .....	1
Meckel's diverticulum	
Excision and appendectomy .....	2
Exploratory laparotomy and excision .....	4
Megacolon	
Proctoscopy .....	3
Melena	
Exploratory laparotomy with appendectomy .....	3
Exploratory laparotomy and freeing of malrotation .....	1
Proctoscopy .....	7
Sigmoidostomy .....	2

*Operations of the Alimentary System—(Continued)*

Neuroblastoma, retroperitoneal	
Exploratory laparotomy and biopsy .....	1
Obstruction, intestinal	
Exploratory laparotomy with appendectomy .....	1
Exploratory laparotomy with lysis of adhesions.....	1
Exploratory laparotomy, lysis of adhesions and appendectomy .....	1
Exploratory laparotomy, lysis of adhesions and drainage of abscess.....	1
Exploratory laparotomy, lysis of adhesions and Witzel enterostomy .....	1
Exploratory laparotomy, Witzel enterostomy and ileocecostomy .....	1
Recto-ileostomy and resection anastomosis .....	1
Re-opening of appendicostomy .....	1
Peritonitis	
Abdominal exploration and biopsy .....	1
Post-operative meningocele and post-operative Swan procedure	
Endoscopy of colostomy .....	1
Prolapse of rectum	
Cauterization of rectal mucosa .....	3
Prolapsed ileostomy, post-operative	
Ileo-ileo anastomosis with appendectomy and resection ..	1
Pyloric stenosis	
Pyloromyotomy .....	74
Pylorospasm	
Exploration .....	1
Ruptured spleen	
Splenectomy .....	1
Spasm of rectosigmoid junction	
Proctoscopy with dilatation .....	1
Spina bifida with fecal and urinary incontinence	
Swan procedure .....	1
Stenosis, recto-sigmoid	
Dilatation .....	1
Stricture, esophageal	
Dilatation .....	24
Dilatation with insertion of string .....	1
Gastroscopy .....	1
Stricture, recto-sigmoid	
Dilatation .....	2

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*Operations of the Genito- Urinary Tract*

Aberrant renal vessel	
Exploration with division and lysis .....	1
Ligation and pyelostomy .....	1
Renal exploration .....	1

*Operations of the Genito-Urinary Tract—(Continued)*

Anomaly of the G.U. tract . . . . .	
Cystoscopy . . . . .	1
Cystostomy and symphysiotomy and plastic . . . . .	1
Cystotomy and plastic . . . . .	2
Dilatation . . . . .	4
Exploratory laparotomy and biopsy . . . . .	1
Plastic repair . . . . .	2
Plastic, closure and anoplasty . . . . .	1
Plastic and division . . . . .	1
Anomaly of kidney and ureter . . . . .	
Cystoscopy . . . . .	4
Cystoscopy and pyelograms . . . . .	8
Cystoscopy with plastic repair . . . . .	1
Cystostomy . . . . .	1
Cystotomy . . . . .	1
Cystotomy and pyelograms . . . . .	1
Excision and anastomosis . . . . .	1
Heminephrectomy . . . . .	4
Heminephrectomy and ureterectomy . . . . .	1
Nephrectomy . . . . .	2
Post-operative ureteral transplant . . . . .	1
Sigmoidoscopy . . . . .	1
Ureterectomy . . . . .	1
Calculus . . . . .	
Cystoscopy with pyelograms . . . . .	4
Cystotomy, irrigation and removal . . . . .	2
Lithotomy . . . . .	1
Pyelolithotomy . . . . .	1
Pyelolithotomy and excision . . . . .	1
Removal and anastomosis . . . . .	1
Cysts and tumors of G.U. tract . . . . .	
Biopsy, resection and uretero-sigmoidostomy . . . . .	1
Cystoscopy, pyelograms and proctoscopy . . . . .	1
Cystotomy . . . . .	2
Examination and cauterization . . . . .	1
Excision . . . . .	5
Exploratory laparotomy and excision . . . . .	1
Heminephrectomy . . . . .	1
Incision and drainage . . . . .	1
Nephrectomy . . . . .	2
Nephrectomy and excision . . . . .	1
Pan-hysterectomy . . . . .	1
Resection, nephrectomy and ureterectomy . . . . .	1
Cystitis . . . . .	
Catheterization . . . . .	1
Cystoscopy, pyelograms, cystograms . . . . .	1
Diverticulum of bladder and uretero-vesical obstruction . . . . .	
Plastic to vesicle outlet and suprapubic cystotomy . . . . .	1

*Operations of the Genito-Urinary Tract—(Continued)*

<b>Enuresis</b>	
Cystoscopy with dilatation . . . . .	1
Cystoscopy with pyelograms . . . . .	1
<b>Exstrophy of bladder</b>	
Cystectomy and plastic to urethra . . . . .	1
Dilatation . . . . .	1
Inversion of bladder, repair of hernia and pyelograms . . . . .	1
Plastic to penis and inversion of bladder . . . . .	1
Removal of sutures . . . . .	2
Resuturing of abdominal wound . . . . .	1
Ureterosigmoidostomy . . . . .	1
<b>Fistula, recto-urethral</b>	
Cystoscopy with ether examination . . . . .	1
Repair and suprapubic cystotomy . . . . .	2
Sigmoidostomy, proctoscopy and catheterization . . . . .	1
Suprapubic cystotomy and anoplasty . . . . .	1
<b>Fistula, recto-vaginal</b>	
Plastic . . . . .	4
Proctoscopy . . . . .	1
<b>Fistula, vesico-vaginal</b>	
Ether examination . . . . .	1
<b>Hematuria</b>	
Cystoscopy with pyelograms . . . . .	1
<b>Hydrocele</b>	
Excision . . . . .	62
<b>Hydrometros</b>	
Vaginal examination and aspiration of ureters and uretero-colostomy . . . . .	1
<b>Hydronephrosis</b>	
Cystoscopy . . . . .	2
Cystoscopy with plastic . . . . .	1
Cystoscopy with pyelograms . . . . .	8
Cystoscopy with pyelograms and cystograms . . . . .	1
Exploratory laparotomy with biopsy . . . . .	1
Freeing of adhesions and pyelostomy . . . . .	1
Ligation and division, pyelostomy and dilatation . . . . .	1
Nephrectomy . . . . .	2
Nephrostomy . . . . .	2
Renal exploration with lysis of adhesions . . . . .	1
Renal exploration, lysis of adhesions and pyelostomy . . . . .	1
Renal exploration, pyelostomy and dilatation . . . . .	1
Renal exploration, ureteropelvic anastomosis . . . . .	1
Revision of pyelostomy and insertion of catheter . . . . .	1
<b>Hypospadias</b>	
Cystotomy and plastic . . . . .	2
Dilatation . . . . .	1
Plastic . . . . .	6

*Operations of the Genito-Urinary Tract—(Continued)*

Incontinence of urine	
Cystoscopy with dilatation	1
Cystoscopy with pyelograms	1
Incontinence, urine and feces	
Swan procedure	2
Obstruction, urethral	
Cystoscopy	1
Cystotomy	1
Obstruction, uretero-pelvic	
Cystoscopy	2
Cystoscopy with pyelograms	1
Ligation, division and pyelostomy	1
Phimosis	
Circumcision	14
Post-operative circumcision	
Plastic to penis	1
Post-operative exploration of kidney for renal calculi	
Nephrectomy	1
Post-operative plastic to penis	
Thiersch graft	1
Pyelitis	
Cystoscopy with pyelograms	1
Pyelonephritis	
Cystoscopy	1
Cystoscopy with pyelograms	2
Pyuria	
Cystoscopy	2
Cystoscopy and attempted cystogram	1
Stenosis, uretero-vesicle junction and ureterocele	
Plastic	1
Stenosis, ureteral orifices	
Cystoscopy, cystotomy and plastic	1
Stenosis, urethral	
Catheterization	1
Dilatation	1
Stricture, post-urethral	
Dilatation	1
Stricture, uretero-pelvic junction	
Pyelolithectomy with anastomosis	1
Renal exploration, lysis of adhesions and uretero-pelvic anastomosis	1
Stricture, uretero-sigmoid	
Proctoscopy	1
Stricture of urethra	
Proctoscopy with dilatation	1
Tuberculous kidney	
Cystoscopy	1

*Operations of the Genito- Urinary Tract—(Continued)*

Undescended testicle	
Orchidopexy .....	33
Orchidopexy and herniorrhaphy .....	6
Urethral adhesions	
Revision of pyelostomy and insertion of catheter .....	1
Urinary urgency	
Cystoscopy with pyelograms .....	1
	—
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*Operations of the Nervous System*

Abscess, brain	
Aspiration .....	3
Burr holes .....	3
Irrigation .....	2
Posterior fossa exploration with drainage .....	2
Ventricular tap and drainage .....	1
Ventricular, disternal and lumbar taps .....	1
Ventriculogram .....	1
Adhesions due to pneumo-meningitis	
Ventriculostomy .....	1
Amyotonia congenita	
Biopsy .....	1
Anomaly, cavus septum pellucidum	
Pneumoencephalogram .....	1
Anomaly of spine	
Exploration of cord .....	2
Laminectomy .....	2
Birth injury	
Bone flap .....	1
Pneumoencephalogram .....	3
Ttrephine .....	1
Brain tumor	
Bone flap .....	1
Bone flap and biopsy .....	1
Bone flap, biopsy and decompression .....	1
Bone flap, decompression and air injection .....	1
Burr holes .....	5
Burr holes and ventriculogram .....	2
Cerebellar exploration .....	1
Cisternal puncture .....	1
Craniotomy with partial excision .....	1
Excision .....	1
Pneumoencephalogram .....	7
Posterior fossa exploration .....	5
Posterior fossa exploration and biopsy .....	1
Posterior fossa exploration and division of tentorium .....	1
Posterior fossa exploration with extirpation .....	1
Posterior fossa exploration with lysis of adhesions .....	1

*Operations of the Nervous System—(Continued)*

Posterior fossa exploration with removal and ventriculogram . . . . .	1
Posterior fossa exploration with Torkildsen procedure . . . . .	1
Revision of posterior fossa wound . . . . .	1
Ventriculogram . . . . .	3
Brain tumor suspect	
Bone flap . . . . .	1
Bone flap and exploration . . . . .	1
Cisternal puncture . . . . .	1
Pneumoencephalogram . . . . .	8
Pneumoencephalogram with needling . . . . .	1
Ventriculogram . . . . .	1
Cerebral hemorrhage	
Decompression, ventricular tap and burr holes . . . . .	1
Convulsions	
Burr holes . . . . .	6
Bone flap . . . . .	2
Bone flap and pneumoencephalogram . . . . .	1
Craniectomy . . . . .	1
Pneumoencephalogram . . . . .	17
Re-elevation, cortical stimulation and excision of trigger area . . . . .	1
Cord tumor	
Lumbar myelogram . . . . .	1
Thoracic laminectomy . . . . .	1
Cortical atrophy	
Cisternal puncture . . . . .	1
Pneumoencephalogram . . . . .	6
Trephine . . . . .	1
Burr holes . . . . .	1
Craniostenosis	
Craniectomy . . . . .	2
Encephalitis	
Bone flap . . . . .	1
Pneumoencephalogram . . . . .	1
Encephalocele	
Craniectomy . . . . .	1
Excision . . . . .	3
Pneumoencephalogram . . . . .	2
Encephalopathy	
Pneumoencephalogram . . . . .	2
Trephine . . . . .	1
Epidural hematoma	
Ventriculogram, bone flap and partial extirpation . . . . .	1
Epilepsy	
Bone flap and stimulation of brain . . . . .	2
Bone flap, stimulation of brain and excision of trigger area . . . . .	1

*Operations of the Nervous System—(Continued)*

Pneumoencephalogram . . . . .	5
Fractured skull	
Debridement . . . . .	1
Decompression . . . . .	1
Decompression with removal of clot . . . . .	1
Elevation of depressed fracture . . . . .	6
Excision of depressed fragments . . . . .	1
Hemangioma of cortex	
Angiogram . . . . .	1
Bone flap . . . . .	1
Pneumoencephalogram . . . . .	1
Hemangioma of meninges	
Ttrephine . . . . .	1
Hemiparesis	
Pneumoencephalogram . . . . .	1
Hemiplegia	
Pneumoencephalogram . . . . .	1
Hydrocephalus	
Bone flap . . . . .	1
Burr holes . . . . .	2
Coagulation of choroid plexus . . . . .	3
Pneumoencephalogram . . . . .	4
Posterior fossa exploration . . . . .	7
Posterior fossa exploration with Torkildsen procedure . . . . .	4
Third ventriculostomy . . . . .	2
Ventriculogram . . . . .	1
Lead poisoning	
Decompression with spinal tap . . . . .	1
Lipoma, intraspinal	
Laminectomy . . . . .	1
Meningitis	
Burr holes . . . . .	1
Nasopharyngoscopy and encephalogram . . . . .	1
Posterior fossa exploration . . . . .	1
Ventricular irrigation and injection of penicillin . . . . .	1
Ventriculogram, bone flap and burr holes . . . . .	1
Mental retardation	
Burr holes . . . . .	2
Pneumoencephalogram . . . . .	3
Pneumoencephalogram and ventriculogram . . . . .	1
Microcephaly	
Pneumoencephalogram . . . . .	1
Osteomyelitis of skull	
Sequestrectomy (frontal flap) . . . . .	1
Palsy, brachial	
Exploration . . . . .	1
Palsy, cerebral	
Burr holes . . . . .	1

*Operations of the Nervous System—(Continued)*

Parietal cyst	
Craniotomy and biopsy	1
Platybasia	
Exploration and burr holes	1
Poliomyelitis, old	
Sympathectomy	3
Porencephaly	
Craniectomy	1
Craniotomy with excision	1
Scaphocephaly	
Craniectomy	9
Decompression	1
Decompression and craniectomy	3
Pneumoencephalogram	1
Re-opening of decompression and partial craniectomy	1
Spina bifida occulta	
Cystoscopy	1
Cystotomy	1
Laminectomy	1
Spina bifida with myelomeningocele	
Bone flap	1
Burr holes and needling	1
Excision	21
Pneumoencephalogram	1
Subdural hematoma	
Craniectomy	1
Craniotomy with excision	28
Pneumoencephalogram	13
Ttrephine	3
Ventriculogram	1
Teratoma of spinal cord	
Laminectomy with excision	1
Ventriculitis	
Irrigation of ventricles	1

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*Operations of the Cardiovascular System*

A-V aneurysm	
Angiogram	2
Angiogram and partial resection	1
Exploration	1
Patent ductus arteriosus	
Division	15
Pericarditis	
Paracentesis	2
Paracentesis, thoracentesis and venous pressure	1
Pericardectomy	2

### *Operations of the Cardiovascular System—(Continued)*

Phlebectasia	
Arteriogram	1
Dissection	1
Telangiectasia	
Partial synovectomy	1
	—
	27

### *Operations of the Lymphatic System*

Lympadenitis	
Biopsy	2
Dissection	2
Excision	2
Incision and drainage	8
Incision and drainage and insertion of diazine	1
Tonsillectomy and adenoidectomy and incision and drainage	1
Lymphoma	
Excision	1
	—
	17

### *Operations of the Skin*

Abscesses	
Incision and drainage	27
Incision and drainage and removal of bone plate	1
Branchiogenic cyst	
Excision and proctoscopy	1
Burns	
Debridement and dressing	21
Dressing	10
Excision and Thiersch graft	1
Padgett graft	3
Thiersch graft	7
Thiersch graft and freeing of contractures	1
Cellulitis	
Incision and drainage	3
Cicatrix	
Laying of rope graft	1
Padgett graft	1
Plastic to rope graft	1
Thiersch graft	2
Thiersch graft and Z plastic	1
Z plastic	1
Circular band contracture of neck	
Raising and spreading of rope graft	1
Rope graft and Thiersch graft	1
Transplant of rope graft	2
Cysts of skin	
Excision	42

*Operations of the Skin—(Continued)*

Excision and graft . . . . .	1
Dog bite of nose	
Suturing . . . . .	1
Electrical burn	
Shock therapy and dressing . . . . .	1
Facial cleft	
Bone graft . . . . .	1
Foreign body	
Removal . . . . .	5
Infections	
Excision . . . . .	1
Incision and drainage . . . . .	3
Ingrown toenail	
Removal . . . . .	2
Keloid	
Excision . . . . .	1
Lacerations	
Cauterization . . . . .	1
Debridement . . . . .	2
Hemostasis . . . . .	1
Suturing . . . . .	29
Pilonidal sinus	
Excision . . . . .	1
Post-operative rope graft	
Transfer of rope graft . . . . .	1
Puncture wound	
Irrigation . . . . .	1
Scar of face and hand	
Plastic to face and Thiersch graft . . . . .	1
Scar of lip	
Plastic . . . . .	1
Scar of neck	
Excision . . . . .	1
Scar of nose	
Excision . . . . .	1
Scar of palm of hand	
Exploration . . . . .	1
Scar of scalp	
Excision . . . . .	1
Septic foot	
Incision and drainage . . . . .	1
Tumors of skin	
Arteriogram . . . . .	1
Biopsy . . . . .	4
Excision . . . . .	39
Graft . . . . .	1
Graft and excision . . . . .	2
Plastic . . . . .	1

*Operations of the Skin—(Continued)*

Radical dissection . . . . .	1
X-ray treatment . . . . .	5
Wringer arm	
Thiersch graft . . . . .	1
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*Operations of the Bones and Joints*

Arthrogryposis	
Thiersch graft . . . . .	1
A-V fistula	
Excision . . . . .	1
Baker's cyst	
Excision . . . . .	4
Bone cyst of tibia	
Excision . . . . .	1
Brodie's abscess	
Exploration . . . . .	1
Bullet fragment in knee	
Removal and irrigation . . . . .	1
Congenital anomalies of bone	
Excision . . . . .	12
Freeing of web and Thiersch graft . . . . .	1
Plastic . . . . .	12
Plastic, dividing of fingers and Thiersch graft . . . . .	1
Plastic and graft . . . . .	2
Opening and laying of rope graft . . . . .	1
Separation of rope graft . . . . .	1
Dermatomyositis	
Muscle biopsy . . . . .	1
Avulsion of finger	
Suturing . . . . .	1
Facial injury	
Plastic to scars . . . . .	1
Fractures	
Debridement and Sherman plate . . . . .	1
Reduction, closed . . . . .	12
Reduction, open . . . . .	3
Reduction, open, and debridement . . . . .	1
Removal of plate . . . . .	1
Removal of plate and application of cast . . . . .	1
Hemarthrosis of knee	
Aspiration . . . . .	1
Osteochondritis of sternum	
Excision . . . . .	1
Osteomyelitis	
Debridement . . . . .	1
Dressing and application of cast . . . . .	1
Exploration and curettage . . . . .	1

*Operations of the Bones and Joints—(Continued)*

Incision and drainage . . . . .	4
Removal of infected bone . . . . .	1
Rib resection . . . . .	1
Sequestrectomy and insertion of drain . . . . .	1
Tantalum skull plate . . . . .	1
Sacral teratoma	
Removal . . . . .	1
Septic ankle	
Aspiration . . . . .	1
	—
	76

*Operations of Muscles, Tendons and Fascia*

Hernia, abdominal	
Repair . . . . .	1
Hernia, diaphragmatic	
Change of dressing . . . . .	1
Herniorrhaphy . . . . .	11
Removal of sutures . . . . .	1
Resuturing of abdominal wound . . . . .	1
Hernia, inguinal	
Herniorrhaphy . . . . .	235
Hernia, inguinal and ventral	
Herniorrhaphy . . . . .	1
Hernia, inguinal and pelvic abscess	
Exploratory laparotomy, appendectomy, herniorrhaphy and lysis of adhesions . . . . .	1
Hernia, and epispadias	
Herniorrhaphy . . . . .	1
Hernia, incarcerated	
Repair . . . . .	3
Hernia, post-operative	
Replacement of testicle . . . . .	1
	—

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*Operations of the Eye and Ear*

Anomaly of ear (not lop ear)	.
Excision . . . . .	1
Excision, partial . . . . .	2
Mastoidectomy . . . . .	1
Plastic . . . . .	1
Raising of rope graft and pedicle . . . . .	1
Transfer of rope graft . . . . .	2
Anomaly of eye	
Correction of squint . . . . .	1
Dilatation . . . . .	2
Discission . . . . .	3
Enucleation of eye . . . . .	1
Excision of rectus muscle . . . . .	1

*Operations of the Eye and Ear—(Continued)*

Myotomy .....	1
Probing .....	1
Recession .....	1
Lop ears	
Plastic .....	5

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*Operations of Systemic Diseases, Hospital Complications  
and Miscellaneous*

Adenoma, thyroid	
Subtotal thyroidectomy .....	1
Anemia	
Biopsy .....	1
Splenectomy .....	2
Coeliac disease	
Ladd's procedure, duodenojejunostomy .....	1
Exploratory laparotomy with lysis of adhesions.....	1
Gaucher's disease	
Splenectomy and biopsy .....	1
Hypoglycemia	
Subtotal pancreatectomy and splenectomy .....	1
Letterer's-Siwe's disease	
Biopsy .....	1
Multiple congenital deformities	
Rope graft raised .....	1
Transfer of rope graft .....	1
Multiple injuries	
Plastic and extraction .....	1
Parotitis	
Dilatation of Stenson's duct .....	1
Precocious puberty	
Pneumoencephalogram .....	1
Deferred	
Biopsy .....	1
Cystoscopy .....	1
Pneumoencephalogram .....	1
Proctoscopy .....	2
No disease	
Cystoscopy .....	1
Proctoscopy .....	1
<i>Total number of operations .....</i>	<i>1,933</i>

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## THROAT OUT-PATIENT

### *Diseases of the Nose and Accessory Sinuses*

Contusion of nose . . . . .	6
Cyst of nose . . . . .	1
Deviated septum . . . . .	12
Edema, nasal septum, lower turbinates . . . . .	2
Epistaxis . . . . .	4
Foreign body in nose . . . . .	4
Fracture of nose . . . . .	1
Furunculosis of nose . . . . .	7
Obstruction of nasal . . . . .	2
Rhinitis . . . . .	23
Sinusitis . . . . .	40
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### *Diseases of the Pharynx and Nasopharynx*

Abscess, pharyngeal . . . . .	1
Adenoids, hypertrophied . . . . .	14
Adenoiditis . . . . .	3
Nasopharyngitis . . . . .	3
Pharyngitis . . . . .	9
Sore throat . . . . .	3
Tonsillitis . . . . .	13
Tonsils, hypertrophied . . . . .	13
Tonsils and adenoids, hypertrophied . . . . .	355
	<hr/> 414

### *Diseases of the Ear*

Abscess of the ear . . . . .	4
Cerumen . . . . .	17
Congenital malformation of ear . . . . .	1
Deafness . . . . .	11
Foreign body in ear . . . . .	6
Furunculosis in ear . . . . .	9
Mastoiditis . . . . .	12
Myringitis . . . . .	1
Otalgia . . . . .	4
Otitis media . . . . .	278
Perforated ear drum . . . . .	1
Post-auricular node . . . . .	1
	<hr/> 345

### *Diseases of the Larynx and Trachea*

Laryngitis . . . . .	5
Laryngeal stridor, congenital . . . . .	2
Papilloma of larynx . . . . .	2
Tracheitis . . . . .	1
	<hr/> 10

### *Diseases of the Bronchus*

Bronchitis . . . . .	2
Bronchiectasis . . . . .	3
	5

### *Diseases of the Esophagus*

Achalasia . . . . .	1
Foreign body in esophagus . . . . .	1
	2

### *Miscellaneous Diseases*

Abscess, alveolar . . . . .	1
Adenitis, cervical . . . . .	11
Asthma . . . . .	1
Bite, dog . . . . .	1
Carious teeth . . . . .	2
Fever . . . . .	1
Foreign body in stomach . . . . .	5
Hemoptysis . . . . .	1
Hernia, inguinal . . . . .	1
Impetigo . . . . .	1
Lymphadenitis . . . . .	1
Meningitis . . . . .	1
Mental retardation . . . . .	1
Mononucleosis . . . . .	1
Nervous child . . . . .	1
Parotitis . . . . .	1
Pneumonia . . . . .	1
Retarded development . . . . .	1
Retarded speech . . . . .	1
Thyroglossal cyst . . . . .	1
Upper respiratory infection . . . . .	80
	115

### *Unclassified*

Deferred . . . . .	12
No disease . . . . .	27
Not seen . . . . .	1
	40

## DISEASES TREATED IN THROAT HOUSE AND PRIVATE WARD

<i>Diseases of the Nose and Accessory Sinuses</i>	<i>New</i>	<i>Old</i>
Abscess, nasal septum . . . . .	1	
Atresia of choana . . . . .	1	
Deviated septum . . . . .	4	2
Edema of turbinate . . . . .	1	
Epistaxis . . . . .	1	
Ethmoiditis . . . . .	4	
Fracture, nasal bone . . . . .	4	
Furuncle of nose . . . . .	1	
Hypertrophy of turbinate . . . . .	1	
Rhinitis . . . . .	1	
Sinusitis . . . . .	26	3
	—	—
	45	5

### *Diseases of the Pharynx and Nasopharynx*

Abscess, lateral, pharyngeal . . . . .	2	
Abscess, retropharyngeal . . . . .	6	1
Hemorrhage, post adenoid . . . . .	3	
Hemorrhage, post tonsil and adenoid . . . . .	10	
Hypertrophy of adenoids . . . . .	54	2
Hypertrophy of tonsils . . . . .	11	1
Hypertrophy of tonsils and adenoids . . . . .	758	37
Nasopharyngitis . . . . .	2	
Pharyngitis . . . . .	8	1
	—	—
	854	42

### *Diseases of the Larynx and Trachea*

Abscess of larynx . . . . .	1	
Anomaly of larynx . . . . .	3	1
Chronic inflammation of larynx . . . . .	1	
Congenital laryngeal mucous membrane redundancy . . . . .	1	
Congenital web of larynx . . . . .	2	
Laryngeal stenosis, congenital . . . . .	2	
Laryngeal stridor, congenital . . . . .	1	
Laryngitis . . . . .	7	
Laryngo-tracheitis . . . . .	12	
Papilloma of larynx . . . . .	6	6
Polyp of larynx . . . . .	1	
Foreign body in larynx . . . . .	2	
Tracheitis . . . . .	1	
	—	—
	38	7

### *Diseases of the Esophagus and Bronchus*

Anomaly of bronchus . . . . .	1	
Anomaly of cartilagenous ring and bronchus . . . . .	1	
Atelectasis . . . . .	8	
Bronchiectasis . . . . .	17	4
Bronchitis . . . . .	9	
Fibrosis, pulmonary . . . . .	1	
Foreign body in bronchus . . . . .	13	
Foreign body in esophagus . . . . .	6	
Granuloma, bronchial wall . . . . .	1	
Hydropneumothorax . . . . .	1	
Obstruction to middle lobe bronchus . . . . .		2
Obstructive emphysema . . . . .	2	
Stricture, esophageal . . . . .	4	5
	64	11

### *Diseases of the Ear*

Abscess, post aural . . . . .	6	5
Antritis, mastoid . . . . .	2	1
Aural polyp . . . . .	1	1
Deafness . . . . .	1	
Facial paralysis, preoperative . . . . .	2	
Gradenigo's syndrome . . . . .	1	
Lateral sinus thrombosis . . . . .	2	
Mastoiditis . . . . .	67	12
Otitis media . . . . .	81	18
Petrositis . . . . .	1	
	164	37

### *Diseases, Miscellaneous*

Anemia . . . . .	1	
Asthma . . . . .	2	
Bacteremia . . . . .	1	
Birth injury . . . . .	1	
Cardiac failure . . . . .		1
Carotid sinus reflex . . . . .		1
Cataract of eye . . . . .	1	
Cellulitis . . . . .	3	1
Cleft palate . . . . .	1	1
Common cold . . . . .	8	2
Conjunctivitis . . . . .	1	
Cryptorchidism . . . . .	1	
Dacrocystitis . . . . .	1	
Deferred . . . . .	1	
Diphtheria . . . . .	1	
Dislocated hips . . . . .	1	
Fibrosarcoma of jaw . . . . .	1	

*Diseases, Miscellaneous—(Continued)*

Foreign body, roof of mouth . . . . .	1	
Furunculosis . . . . .	1	
Gingivitis . . . . .	1	
Glomerulonephritis . . . . .	1	
Heart disease, congenital . . . . .	5	
Hematuria . . . . .	2	
Hemoptysis . . . . .	1	
Hernia . . . . .	2	
Hypertension . . . . .	1	
Hypertrophy of thymus . . . . .	2	
Impetigo . . . . .	1	
Leukopenia . . . . .	1	
Lymphadenitis . . . . .	9	4
Macroglossia . . . . .	2	1
Measles . . . . .	1	
Mental deficiency . . . . .		1
Micrognathia . . . . .	1	
Mongolism . . . . .	1	
No disease . . . . .	3	1
Nutritional disturbance . . . . .	1	1
Osteomyelitis of maxilla . . . . .	1	
Papilloma, sublingual . . . . .	1	
Peritonitis . . . . .	1	
Pigmented nevus . . . . .	1	
Pneumonia . . . . .	9	1
Pneumonitis . . . . .	2	
Rheumatic fever . . . . .	1	
Rheumatic heart disease . . . . .	2	
Septicemia . . . . .	1	
Stuttering . . . . .	1	
Submaxillary cyst . . . . .	1	
Sulfadiazine reaction . . . . .	1	
Syphilis . . . . .	1	
Tuberculin reactor . . . . .	1	
Tuberculosis . . . . .	2	
	88	15
New cases . . . . .	1,253	
Secondary diagnosis . . . . .	117	
	1,370	
<i>Total</i> . . . . .		

## THROAT OPERATING ROOM

### *Operations on Nose and Accessory Sinus*

Antrotomy, maxillary .....	7
Antrum irrigation .....	3
Antrum "windows" and irrigation .....	2
Injection of "sylmasol" .....	1
Reduction of nasal fracture .....	4
Removal of choanae astresia .....	1
Sinus irrigation with lipiodol .....	1
Submucous resection .....	5
Drainage of frontal sinus (? osteomyelitis of frontal bone) .....	1

24

### *Operations on Pharynx and Nasopharynx*

Adenoidectomy (clinic) .....	8
Adenoidectomy (ward and private) .....	62
Adenoidecomy and cauterization of nose .....	1
Adenoidecomy and laryngoscopy .....	1
Incision and drainage, peritonsillar abscess .....	3
Nasopharyngoscopy and bronchoscopy .....	1
Resuturing T&A bleeder .....	2
Tonsillectomy and Adenoidecomy (clinic) .....	360
Tonsillectomy and Adenoidecomy (ward and private) .....	509
Tonsillectomy and Adenoidecomy and Circumcision .....	1

948

### *Operations on the Larynx and Trachea*

Laryngoscopy .....	17
Laryngoscopy with excision of papilloma .....	16
Laryngoscopy with freeing of laryngeal web .....	1
Laryngoscopy with lipiodol injection .....	5
Tracheotomy .....	6

45

### *Operations on Esophagus and Bronchus*

Bronchoscopy .....	11
Bronchoscopy with lipiodol injection .....	49
Bronchoscopy with removal of foreign body .....	11
Esophageal dilatation .....	12
Esophagoscopy .....	9
Esophagoscopy and dilatation .....	1
Esophagoscopy with removal of foreign body .....	15

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### OTOLARYNGOLOGICAL SERVICE

93

*Operations on the Ear*

Excision, polyp in ear . . . . .	1
Mastoidectomy, antrotomy . . . . .	3
Mastoidectomy, antrotomy and adenoidectomy . . . . .	49
Mastoidectomy, simple . . . . .	22
Mastoidectomy and adenoidectomy . . . . .	53
Mastoidectomy, radical . . . . .	2
Mastoidectomy and myringotomy . . . . .	1
Mastoid revision and adenoidectomy . . . . .	1
Myringotomy . . . . .	1
Revision of mastoidectomy . . . . .	7
	—
	140

*Operations, Miscellaneous*

Excision, cyst of tongue . . . . .	1
Extraction of teeth . . . . .	1
Lysis of tongue tie . . . . .	1
Removal of tumor of hard palate . . . . .	1
Tonsillectomy and adenoidectomy and excision of wen of arm . . . . .	1
	—
	5
Total number of operations . . . . .	1,270

## ORTHODONTIC CLINIC FOR HAIRLIP AND CLEFT PALATE CASES

Number of cases, active treatment . . . . .	33
Number of cases, observation . . . . .	16
Number of treatments . . . . .	407
Number of treatments for fillings, extractions, etc. . . . .	183
Total number of treatments . . . . .	590
Number of broken appointments . . . . .	190

## SPEECH CLINIC

(Supervised by Mrs. Shapiro)

Number of active cases . . . . .	35
Number of treatments . . . . .	443
Number of broken appointments . . . . .	80
Cases dismissed . . . . .	5
New cases . . . . .	10

## STATISTICAL REPORT

Consultations, O.P.D. ....	196
Consultations, House.....	160
Cases for clinical study, old.....	9
Cases for clinical study, new.....	21
Orthodontic observation cases.....	14
Orthodontic treatment cases.....	12
Treatment (dental, including fillings).....	262
Treatments (orthodontic) .....	82
Treatments (stomatitis).....	34
Extractions, primary teeth.....	61
Extractions, secondary teeth.....	58
General anesthesias for dental extractions.....	30
Odontexesis.....	16
Dental x-ray film exposures .....	329
Corrective appliances.....	11
Orthodontic appliances.....	11
Dental prosthetic appliances.....	2
Special surgical appliances .....	3

## DEPARTMENT OF STOMATOLOGY

SERVICE from this department has been limited because of restricted personnel. The staff has consisted of two men, one full time, and one part time, from the Harvard School of Dental Medicine augmented during the last month of the year by the voluntary services of Dr. Abraham Kaner. Since the resignation, during the year, of Dr. Paul Boyle of the Department of Oral Pathology this department has been deprived of his consultations and services.

With the exception of case recordings in some special fields, investigative work is practically at a standstill because of service demands.

There are at this time several applicants for places as voluntary assistants from which a limited number of appointments will be made. Most of these people are returned Veterans who wish to assist in the work of this department as a part of their rehabilitation to civilian practice. Beginning in July, 1945, a one year appointment has been made for a dental interne.

Patients having orthodontic problems not associated with cleft palate were seen on Tuesday afternoons throughout the year by Dr. Waldo. A number of those which presented interesting growth problems were placed under observation or treatment, a service which will be continued and, probably, increased during the coming year.

PAUL K. LOSCH, D.D.S.,  
*Stomatologist*

## DEPARTMENT OF ORTHOPEDIC SURGERY

THE Orthopedic Department of the Hospital has continued its work, during the past year, under considerable difficulties due principally to loss of Staff and House personnel. The bed capacity has not been cut down but it was found necessary to change the Out-Patient Clinic from six days a week to three, and operations are scheduled three days a week alternating with Out-Patient days. This was done because there were not enough members on the Visiting Staff to do the necessary work and furnish proper care to all the orthopedic patients coming to the hospital. This has proven to be a very satisfactory arrangement.

*House Officers:* The House Officer Service has been difficult the past year owing to military requirements. We have had to make substitutes for vacancies several times, but have had help from the Surgical Service, which allows some of their interns to serve part of their time on the Orthopedic Service.

*Chief Resident:* Dr. David Grice completed his service in March 1944, and was succeeded by Dr. John Taliński, who in turn was succeeded by Dr. Robert Ray in October. Dr. Grice was appointed assistant orthopedic surgeon and assistant to Dr. William Green in the Infantile Paralysis Clinic. Dr. John Bell is in the Armed Forces.

*Visiting Staff:* The Visiting Staff has been under considerable pressure the past year but this was relieved to a great extent by having the operating and Out-Patient Clinics work on alternate days.

*Research:* There is an opening here for a man to head orthopedic research, which we hope to fill soon after V-E Day. Funds are being accumulated by me for this purpose. Research projects are being carried on, however, in conjunction with the Department of Pathology. Dr. William Green is pursuing a study of bone growth for which he receives a substantial grant from the National Foundation for Infantile Paralysis.

*Physical Therapy:* A report of the activities of this Department appears elsewhere in this report. The teaching of Physical Therapy Technicians for the Armed Services and civilian needs is being well managed, and we have all the students we can manage at all times.

*New Hospital:* Plans are well under way for a new building and additions to others which, when they come to fruition, should keep the Children's Hospital in the forefront for many years to come.

I wish to take this opportunity to express my thanks and appreciation to the Director, the Board of Managers, the Nursing force, the Physical Therapy Division, and the House and Visiting Staffs, for their help in making this Department a success during the past year.

FRANK R. OBER, M.D.,  
*Orthopedic Surgeon-in-Chief*

## ORTHOPEDIC OUT-PATIENT DEPARTMENT

### *Congenital Deformities*

Anomaly of head . . . . .	1
Anomalies of chest . . . . .	5
Anomalies of spine . . . . .	12
Spina Bifida     8	
Klippel Fiel     1	
Others           3	
Anomalies of upper extremities . . . . .	11
Anomalies of lower extremities . . . . .	36
Dislocated hips . . . . .	12
Club feet . . . . .	19
Other anomalies of feet . . . . .	53
Elevation of scapula . . . . .	2
Torticollis . . . . .	13
Other anomalies . . . . .	3

167

### *Deformities of Unspecified Etiology*

Deformities due to contracture . . . . .	11
Deformities due to ligamentous relaxation . . . . .	30
Poor posture . . . . .	31
Hemihypertrophy of body and side . . . . .	3
Knock knees . . . . .	18
Bow legs . . . . .	46
Deformities of feet . . . . .	11
Pronated feet and foot strain . . . . .	801
Rotation of femur . . . . .	3
Tibial torsion . . . . .	48

1,002

### *Inflammatory Diseases*

Myositis . . . . .	2
Synovitis, non-specific . . . . .	20
Osteomyelitis . . . . .	2
Bursitis . . . . .	1
Effusion of knee . . . . .	2

27

### *Metabolic and Developmental*

Apophysitis . . . . .	4
Coxa plana . . . . .	5

### *Miscellaneous*

Chondrodysplasia . . . . .	2
Achondroplasia . . . . .	3
Hemophilia . . . . .	1
Rickets . . . . .	4
Scurvy . . . . .	3
Retarded development . . . . .	5
Scoliosis . . . . .	12

39

### *Neuromuscular Disorders*

Brachial palsy . . . . .	5
Cerebral palsy . . . . .	12
Pseudohypertrophic muscular dystrophy . . . . .	1
Poliomyelitis . . . . .	2
Amyotonia . . . . .	3
Muscular atrophy, etiology unknown . . . . .	1
Mental retardation . . . . .	1
Encephalitis . . . . .	1
Peroneal spasm . . . . .	1
Muscular paralysis, etiology unknown . . . . .	15
	—
	42

### *Traumatic Conditions*

Contusions . . . . .	6
Lacerations . . . . .	1
Sprains and strains . . . . .	33
Subluxations . . . . .	3
Dislocations . . . . .	2
Fractures . . . . .	75
	—
	120

### *Tumors*

Tumor of rib . . . . .	1
Plantar wart . . . . .	1
	—
	2

### *Miscellaneous*

Non-orthopedic diseases . . . . .	19
Deferred diagnosis . . . . .	58
No disease . . . . .	62
Not seen . . . . .	5
	—
	144

## ORTHOPEDIC DISEASES TREATED IN THE WARDS

### *I. Congenital Deformities*

	<i>New</i>	<i>Old</i>
Elevation of scapula . . . . .	2	
Torticollis . . . . .	23	
Anomalies of upper extremity . . . . .	6	
Anomalies of lower extremity . . . . .	7	1
Dislocated hips . . . . .	21	2
Club feet . . . . .	24	13
Other anomalies of feet . . . . .	11	
Arthrogryposis . . . . .	8	3
Multiple anomalies . . . . .	5	2
	—	
	107	21

## *II. Metabolic and Developmental*

Aseptic necrosis		
Coxa plana . . . . .	4	
Slipped upper femoral epiphysis . . . . .	4	
Chondrodysplasia . . . . .	2	
Osteogenesis imperfecta . . . . .	3	2
Gaucher's disease . . . . .		3
Hemophilia . . . . .	2	3
Rickets . . . . .	7	
Scurvy . . . . .	1	
Renal osteodystrophy . . . . .	2	
Scoliosis . . . . .	5	5
Hemihypertrophy . . . . .	2	
	32	13

## *III. Inflammatory Diseases*

Arthritis		
Non-specific . . . . .	11	
Suppurative . . . . .	6	5
Bursitis . . . . .	1	
Dermatomyositis . . . . .	1	
Osteomyelitis		
Acute . . . . .	22	
Chronic . . . . .	6	1
Tuberculosis . . . . .	13	3
	60	9

## *IV. Neuromuscular*

Brachial palsy . . . . .	7	2
Cerebral palsy . . . . .	24	4
Poliomyelitis		
Acute . . . . .	34	
Chronic . . . . .	42	9
Muscular dystrophy . . . . .	4	1
Spina bifida with paralysis . . . . .	12	1
	123	17

## *V. Traumatic*

Fractures . . . . .	28	
Post-traumatic deformities . . . . .	6	
Volkmann's contracture . . . . .	2	
Subluxation . . . . .	3	
Dislocation . . . . .	6	
Synovitis . . . . .	5	
	50	

## **VI. Tumors**

Bone cyst . . . . .	2	
Exostoses . . . . .	2	
Eosinophilic granuloma . . . . .	1	3
Hemangioma . . . . .	2	
Neurofibroma . . . . .	1	1
Popliteal cyst . . . . .	1	
Osteoid osteoma . . . . .	1	
	10	4

## **ORTHOPEDIC DISEASES TREATED IN PRIVATE WARD**

### **I. Congenital Deformities**

Torticollis . . . . .	5	
Anomalies of spine . . . . .	2	
Anomalies of upper extremity . . . . .	3	
Anomalies of lower extremity . . . . .	2	
Dislocated hips . . . . .	6	
Club feet . . . . .	6	2
Multiple anomalies . . . . .	1	1
	25	3

### **II. Metabolic and Developmental**

Aseptic necrosis		
Coxa plana . . . . .	1	
Slipped upper femoral epiphysis . . . . .	5	2
Osteochondritis . . . . .	2	
Rickets . . . . .	1	
Scoliosis . . . . .	4	
Lead poisoning . . . . .	1	
	14	2

### **III. Inflammatory Diseases**

Arthritis		
Non-specific . . . . .	1	
Suppurative . . . . .	2	
Osteomyelitis . . . . .	5	
Tuberculosis . . . . .	2	1
	10	1

### **IV. Neuromuscular**

Brachial palsy . . . . .	1	
Cerebral palsy . . . . .	10	
Poliomyelitis		
Acute . . . . .	2	
Chronic . . . . .	10	3
Muscular dystrophy . . . . .	4	
	27	3

<b>V. Traumatic</b>				
Fractures . . . . .			22	
Subluxation . . . . .			3	
Dislocation . . . . .		1	1	1
			26	1

<b>VI. Tumors</b>				
Bone cyst . . . . .			1	
Exotoses . . . . .			2	
Hemangioma . . . . .			2	
Soft tissue . . . . .			1	
			6	

## ORTHOPEDIC OPERATING ROOM REPORT

		<i>Ward</i>	<i>P.W.</i>	<i>Total</i>
<b>I. Congenital Anomalies</b>				22
<b>A. Torticollis</b>				
Myotomy . . . . .		17	5	22
<b>B. Dislocated Hips</b>				30
Closed reduction . . . . .		19		19
Shelf operation . . . . .		1		1
Manipulation and cast . . . . .		2	8	10
<b>C. Club Feet</b>				66
Morris traction				
Alone . . . . .		3		3
Tendo Achilles lengthening and transplant . . . . .		2		2
Tendo Achilles lengthening and capsulotomy . . . . .		4		4
Ober ligamentous . . . . .		6	1	7
Tendon transplants . . . . .		5	2	7
Tendo Achilles lengthening . . . . .		1		1
Tendo Achilles lengthening and transplant . . . . .		5		5
Triple arthrodesis . . . . .		4	3	7
Triple arthrodesis and transplant . . . . .		2		2
Manipulation and cast . . . . .		19	6	25
Plantar fasciotomy . . . . .		2	1	3
<b>D. Other Anomalies</b>				23
Congenital flexion deformity				
Transplant pronator radii teres . . . . .		1		1
Club hands				
Osteotomy . . . . .		2		2
Dressing . . . . .		2		2

## I. Congenital Anomalies—(Continued)

Arthrogryposis			
Triple arthrodesis.....	1	1	
Osteotomy.....	1	1	
Hamstring lengthening.....	1	1	
Reconstruction of hip.....	1	1	
Dressing.....	1	1	
Absence of femur			
Fusion of hip joint.....	1	1	
Shortening of fibula.....	1	1	
Sprengel's deformity			
Reduction.....	1	1	
Deformity of leg			
Tendon transplant.....	1	1	
Streeter's dysplasia			
Plastic.....	6	6	
Anomaly of leg			
Lengthening.....	1	1	
Deformity of foot			
Transplant toe extensors.....	1	1	
Deformity of hand			
Tendon transplant.....	1	1	
<b>Total.....</b>			<b>151</b>

## II. Developmental and Metabolic

A. Aseptic Necrosis.....			11
Open reduction and internal fixation....	2	3	5
Removal of nail.....	3	3	
Revision open reduction.....	1	1	
Osteochondritis			
Excision.....	2	2	
B. Scoliosis.....			6
Spinal fusion.....	1	1	2
Application of Risser jacket.....	1	3	4
C. Miscellaneous.....			8
Rickets			
Osteoclasia.....	3	3	
Osteotomy.....	1	1	
Dyschondroplasia			
Epiphyseal arrest.....	1	1	
Biopsy.....	1	1	
Osteotomy.....	1	1	
Hemihypertrophy			
Epiphyseal arrest.....	1	1	
<b>Total.....</b>			<b>25</b>

### *III. Inflammatory Conditions*

<b>A. Arthritis . . . . .</b>			<b>9</b>
Aspiration for diagnosis . . . . .	7		7
Biopsy . . . . .	1	1	2
<b>B. Septic Joints . . . . .</b>			<b>19</b>
Incision and drainage . . . . .	2		2
Open reduction, hip . . . . .	3		3
Transplant greater trochanter . . . . .	1		1
Aspiration . . . . .	8		8
Arthrodesis of hip . . . . .	1		1
Revision of arthroplasty . . . . .	1		1
Vitallium cup arthroplasty . . . . .	1		1
Manipulation . . . . .	2		2
<b>C. Tuberculosis . . . . .</b>			<b>4</b>
Aspiration . . . . .	1	1	2
Biopsy . . . . .	1		1
Arthrodesis, hip . . . . .		1	1
<b>D. Osteomyelitis . . . . .</b>			<b>19</b>
Acute			
Incision and drainage . . . . .	3	1	4
Chronic			
Incision and drainage . . . . .	1		1
Sequestrectomy . . . . .	6		6
Amputation (toe) . . . . .	1		1
Change of dressing . . . . .	3	1	4
Application of cast . . . . .	2	1	3
<b>E. Soft Tissue Abscess . . . . .</b>			<b>1</b>
Aspiration . . . . .		1	1
<b>Total . . . . .</b>			<b>52</b>

### *IV. Neuromuscular*

<b>A. Spastic Paralysis . . . . .</b>			<b>37</b>
Myotomies and tenotomies			
Adductors . . . . .	6		6
Hamstrings . . . . .	5		5
Tendo-Achilles . . . . .	12	1	13
Transplants			
Arm . . . . .	1	1	2
Leg . . . . .	2		2
Triple arthrodesis . . . . .	1	1	2
Osteotomy, arm . . . . .		1	1
Neurectomy . . . . .	2	1	3
Souther fasciotomy . . . . .	1		1
Application of cast . . . . .		2	2

**IV. Neuromuscular—(Continued)**

<b>B. Brachial Palsy . . . . .</b>				5
Flexor carpi ulnaris to extensor carpi radialis . . . . .	1		1	
Sever plus L'Episcopo . . . . .	1	1	2	
Biceps and triceps transplant. . . . .	1		1	
Revision of Sever operation . . . . .	1		1	
<b>D. Poliomyelitis . . . . .</b>				66
Epiphyseal arrest . . . . .	18	2	20	
Fasciotomies . . . . .	1		1	
Osteotomies . . . . .	1		1	
Transplants . . . . .	19		19	
Triple arthrodesis . . . . .	10		10	
Triple arthrodesis with transplant. . . . .	4	1	5	
Scoliosis, spinal fusion . . . . .	2		2	
Plastic . . . . .	1		1	
Revision of triple arthrodesis . . . . .	1		1	
Tendo-Achilles lengthening . . . . .	1	1	2	
Cast, manipulation and/or dressing . . . . .	3		3	
Bone graft to thumb . . . . .	1		1	
<b>D. Spina Bifida . . . . .</b>				8
Tenotomy				
Achilles . . . . .	3		3	
Hamstring . . . . .	1		1	
Transplant				
Anterior tibial. . . . .	1		1	
Triple arthrodesis and transplant . . . . .	3		3	
<b>Total . . . . .</b>				<b>116</b>

**V. Traumatic**

<b>A. Fracture . . . . .</b>				30
Closed reduction . . . . .	21		21	
Open reduction . . . . .	2	1	3	
Kirschner wire . . . . .	2	1	3	
Ununited fracture—bone graft . . . . .	1		1	
Removal of wires . . . . .	2		2	
<b>B. Semi-lunar Cartilage . . . . .</b>				2
Excision . . . . .	2		2	
<b>C. Volkmann's Contracture . . . . .</b>				4
Exploration and neurolysis . . . . .	4		4	
<b>D. Post-traumatic Deformity—Forearm. . . . .</b>				4
Lengthening . . . . .	1		1	
Osteotomy . . . . .	2		2	
Plastic . . . . .	1		1	
<b>Total . . . . .</b>				<b>40</b>

## VI. Tumors and Cysts

Bone cyst.....				17
Excision and graft.....	3	1	4	
Eosinophilic granuloma				
Excision .....	1		1	
Exostosis				
Excision .....	1	1	2	
Fibrous dysplasia				
Biopsy .....	1	1	2	
Hemangioma				
Excision .....	2	1	3	
Neurofibroma				
Excision .....	1		1	
Fibrosarcoma				
Biopsy .....		1	1	
Osteoid osteoma				
Excision .....	1		1	
Popliteal cyst				
Excisions .....	2		2	
				17
Total .....				17

## VII. Miscellaneous

Dermatomyositis .....				19
Biopsy .....	1		1	
Muscular dystrophy				
Biopsy .....	1		1	
Amyotonia congenita				..
Biopsy .....	1		1	
Digiti Quinti Varus				
Plastic .....	2		2	
Plantar warts .....	1		1	
Dislocated patella.....		2	2	
Application of cast.....		5	5	
Insertion Kirschner wire .....		1	1	
Dressing under anesthesia .....		1	1	
Tonsillectomy and adenoidectomy....	1		1	
Circumcision .....	3		3	
				19
Total .....				19
Total number of operations .....				397

## DEPARTMENT OF PATHOLOGY

THERE has been little change in either volume or character of the work performed in the Department of Pathology during 1944, as compared with 1943. Routine activities of the department continue with emphasis on the detailed study of postmortem and surgical material and the rendering of the type of assistance which a pathology department can offer to clinicians in the solution of their problems on the wards. The department continues to take an active part in the instruction of second year and fourth year students, the former as a part of their regular course in pathology and the latter as a part of their course in fourth year pediatrics. The Monday afternoon weekly review of postmortem and surgical material has become an established exercise and is now in its third year. This is designed particularly for the fourth year medical students on duty in the hospital and for internes on all services. Members of the department join with the staff of the departments of roentgenology and surgery on the first Friday afternoon in each month in a tumor clinic, which is now in its second year. This co-operative exercise has proved of real value to all who take part in it.

The research activities described in previous reports have been somewhat curtailed because of present conditions, particularly those part-time activities carried out in the department of pathology by, or in collaboration with other members of the hospital staff. During 1944 further publications appeared in the series of studies on pancreatic function and disease in early life, which have been carried out for the past few years with the assistance of the Ann Proctor Rice Fund. These studies are being continued. A paper on the development and growth of the human embryo and fetus by Drs. Clatworthy and Anderson was published in 1944. The work on which this paper was based was carried out for the most part during the summer of 1941 after the completion of their second year in the Medical School. This paper offers a graphic representation of some of the most important sequences which take place before birth. Other studies mentioned in last year's report appeared during 1944. These include the work of Dr. Swenson on the cavum of the septum pellucidum and the experimental investigation of the role of acetylcholine in the anaphylactic process by Drs. Farber, Pope and Landsteiner. A summary of progress made in this laboratory in the field of lipid metabolic disorders and related conditions during the past ten years was presented before the American Pediatric Society in September and has appeared in preliminary form. A report of other work completed during 1944 but appearing in 1945 will be made in next year's report. During this past year collaborative studies were begun or have been continued with members of the hospital staff on other services and in two instances with other departments in the Medical School. This is in keeping with the established custom of many years of the Department of Pathology.

*Personnel.* Dr. James B. Arey of Minnesota, who received his training in Pathology under Dr. E. T. Bell, joined the department as Junior Visiting Pathologist on October 1, for one year. The appointment of Dr. Arey marks one more step in the growth of the department by the addition of a junior pathologist to the staff, begun with Dr. Edmonds two years ago. Regularly appointed internes included Dr. Elizabeth A. Gregory, who began her one year service on May 15, 1944, Dr. Guillermo Vargas of Colombia, South America, who served for six months before beginning his work on the orthopedic service, Dr. Charles W. Findlay, who spent four months before starting his internship in the Depart-

ment of Surgery, and Dr. Elizabeth G. French, whose nine month appointment began on October 1, 1944. Dr. Veronica Tisza, voluntary graduate assistant in the Department of Pathology, began in July, 1944, after having completed a residency in Pediatrics at the Boston Floating Hospital. Dr. Roy E. Seibel, a member of Dr. Sosman's Department of Roentgenology at the Peter Bent Brigham Hospital, served as a voluntary graduate assistant for seven months in 1944 in fulfillment of the requirement for pathology training in his course in Roentgenology. Dr. Miguel Raga of Venezuela began a one year service as graduate voluntary assistant in April, 1944. Dr. Raga is a pediatrician who is on a fellowship of the American Academy of Pediatrics. After his year in the Department of Pathology he will receive special training in Pediatrics under the direction of Dr. Richard M. Smith. Dr. Austin Vickery holds the position of resident from October 1, 1944 to July 1, 1945. Dr. Lotte Strauss completed a year of residency on September 1, 1944, and returned to the Mount Sinai Hospital, New York, to take special responsibility for the pediatric pathology there. Dr. Raymond Gottschalk of Liege, Belgium, a Fellow of the Belgian-American Educational Foundation left on April 1, 1944, to enter the Medical Corps of the United States Army. Dr. Ernest Eichwald completed his internship the previous July and is now on duty in the Pacific in the United States Army Medical Corps.

Special acknowledgment should be given to Miss Helen Purtle and Mr. John Carabitses for their intelligent and loyal efforts. Their devotion to the hospital has done much to maintain the standards of the Department of Pathology and has enabled the department to give undiminished service to the clinical divisions. Miss Olva Dellamano continues her expert work in microscopic technique.

The free use of photography is a feature of our postmortem and surgical pathology records and contributes greatly to their permanent scientific and teaching value. Special acknowledgment is made to Mr. Ferdinand Harding for his great skill in gross photography and to Mr. John Carabitses for his excellent photomicrographs.

The resignation in October, 1944, of Dr. Paul E. Boyle, Dental Pathologist, who became Professor of Dental Pathology and Histology in the University of Pennsylvania terminated more than ten years of fruitful work in the field of stomatology and dental pathology. Dr. Boyle was the first dental pathologist at this hospital and succeeded in building a strong foundation for what promises to be an important hospital laboratory which should be of value to the new School of Dental Medicine in the development of their program of dental education and research.

Much thought and careful work have been spent in recent months on plans for the Department of Pathology not only for the immediate postwar period but for the expected expansion and diversification of the services of the Children's Hospital to the New England community. These plans include participation in the postgraduate education program now being prepared for men who will return from the armed forces. In addition, careful consideration has been given to the extension of those services of the Department of Pathology which have been found most useful or which promise to be of value as greater specialization and diversification develops in the clinical departments. The present department is the result of slow steady growth. The lines of further development will be determined, after careful consideration and evaluation, by the needs of the New

England community for service in the field of pathology of early life through adolescence. The most effective functioning of the department can be achieved only by the integration of its activities through unselfish co-operation with those of all other divisions of the hospital and the unhampered pursuit of research after its service responsibilities to the clinical divisions have been discharged.

The retirement in 1946 of your Pathologist in Chief by age limit in University and Hospital, calls for an early consideration by the trustees of the future relations between the Children's Hospital Department of Pathology and the Medical School.

Although no formal University and Hospital agreement exists, the Shattuck Professor has always considered the service at the Children's Hospital as one of the responsibilities of the Medical School Department of Pathology and he is firmly convinced that great mutual advantages have thereby materialized. Advances in all branches of Medicine and Surgery and in Pathology, as well as increased volume of routine by 1930 made urgent the appointment of a full-time assistant above the grade of Resident. Dr. Farber was appointed Assistant Pathologist in 1929 and Pathologist in 1931 because he was the first of many very able residents to develop a life-time interest in the problems of pathology of early age. Excepting teaching duties as a member of the Department of Pathology of the Medical School, Dr. Farber has, since 1930, given his full time and energy to the Children's Hospital.

The present high standing of the hospital department in research achievements, teaching, and in services to the clinical departments could not have been developed otherwise than by the full-time efforts of a highly competent and enthusiastic pathologist. As a matter of course, the strength and usefulness of the department in all respects will continue to expand with the growth of the pathologist in experience and learning and scientific insight.

It is highly important for both institutions that the future relations between Medical School and Hospital should preserve the existing liaison without endangering the policy of having a full-time pathologist who naturally should become in name as well as in fact, the Pathologist in Chief.

It is a pleasure to acknowledge the co-operation of the Director of the Hospital in support of the maintenance of the standards of the department.

S. BURT WOLBACH, M.D.,  
*Pathologist-in-Chief*

#### PUBLICATIONS—1944

Swenson, Orvar. Nature and Occurrence of the Cavum Septi Pellucidi. *Arch. Path.*, 37: 119-123, 1944.  
Clatworthy, H. William, Jr. and Anderson, Robin G. Development and Growth of the Human Embryo and Fetus. *Am. J. Dis. Child.*, 67: 167-175, 1944.  
Farber, Sidney. The Relation of Pancreatic Achylia to Meconium Ileus. *J. Ped.*, 24: 387, 1944.  
Farber, Sidney, Pope, Alfred and Landsteiner, Ernest, Jr. The Role of Acetylcholine in the Anaphylactic Process. *Arch. Path.*, 37: 275, 1944.  
Farber, Sidney. Pathologic Changes Associated with Pancreatic Insufficiency in Early Life. *Arch. Path.*, 37: 238, 1944.  
Farber, Sidney. Nature of Some Diseases Ascribed to Disorders of Lipid Metabolism. *Am. J. Dis. Child.*, 68: 350, 1944.

## DEPARTMENT OF PATHOLOGY

### AUTOPSIES

	<i>Deaths</i>	<i>Autopsies</i>
Infants' Hospital . . . . .	147	104
Children's Hospital* . . . . .	91	73
Private Ward . . . . .	12	10
	250	187**

### AUTOPSIES PERFORMED

<i>Year</i>	<i>Children's***</i>	<i>Infants'</i>	<i>Combined</i>
1941 . . . . .	86	73	159
1942 . . . . .	114	73	187
1943 . . . . .	96	111	207
1944 . . . . .	83	104	187

### TOTAL DEATHS

1941 . . . . .	116	92	208
1942 . . . . .	149	105	254
1943 . . . . .	141	171	312
1944 . . . . .	103	147	250

### PERCENTAGE OF AUTOPSIES OBTAINED

1941 . . . . .	80.0	79.4	76.4
1942 . . . . .	79.5	69.5	73.6
1943 . . . . .	68.9	64.8	66.3
1944 . . . . .	80.5	70.7	74.8

\* Includes all services but Infants' and Private Ward

\*\* 13 Outside autopsies not included

\*\*\* Includes Private Ward

### SURGICAL SPECIMENS

<i>Year</i>	<i>Number</i>
1941 . . . . .	730
1942 . . . . .	739
1943 . . . . .	637
1944 . . . . .	631

## DEPARTMENT OF ROENTGENOLOGY

DURING the past year only one major change has occurred in this department. After many months of preliminary work and after several postponements because of the exigencies of the war it has been found possible to organize and finally to inaugurate a plan for the complete training of young doctors wishing to prepare themselves for the specialty of Radiology. The Children's Hospital, the Peter Bent Brigham Hospital, and the New England Deaconess Hospital, in close association with the Boston Lying-in Hospital and the Massachusetts Institute of Technology are now offering a combined rotating plan of training in Radiology. On the first of January and on the first of July one doctor is accepted for this training the duration of which is to be 36 months. Each individual will spend six months at the Children's Hospital during the second year of training. The first incumbent at the Children's Hospital is Dr. Jasper Ross who began January 1, 1945.

It is felt that this combined training program offers many advantages not only to those seeking to prepare for the specialty but also to the hospital. Heretofore most young graduates have entered the practice of Roentgenology incompletely equipped to offer adequate diagnostic and therapeutic aid to the pediatricians of their community but with the inauguration of this plan those graduates who are able to avail themselves of the opportunity to study the great quantity and excellent quality of the X-ray material passing through this hospital should enter practice with an altogether satisfactory knowledge. The long neglected subject of Pediatric Roentgenology is one in which the technique and methods of diagnostic approach differ sharply from the Roentgenology of adults. To the hospital it should be a great asset to have available an assistant in the Department who can relieve the Roentgenologist from some of the burden of routine work, which all too often prevents much desired attendance at teaching exercises or ward rounds. It should soon be possible for one member of the department to be present at the majority of hospital exercises to assist or instruct in the roentgen aspects of disease.

Since July first the department has been fortunate in having the assistance of Dr. Pauline Owyang who has volunteered for a period of one year as a means of furthering her training in Pediatrics.

This year as in the past the department is greatly indebted to the 23 volunteers who have given more than one thousand hours of assistance. Their cheerful presence and enthusiastic co-operation has done much toward relieving the personnel shortage of the Department of Roentgenology and of the hospital.

There have been no changes either in the technical personnel or in the equipment of the department during the past year. Certain material replacement is imperative but although a superficial therapy machine was ordered 10 months ago delivery is not yet in sight. Replacement for the antiquated equipment in the department of communicable disease is urgently needed but because of demands by the Army and Navy it will not be possible to replace this equipment for several years. It is hoped that a new cystoscopic table for the study of the kidneys and urinary tract can be procured before too long. One of the pressing needs of the department is adequate storage space for exposed films. These accumulate at the rate of approximately 170 cubic feet a year. The staff of the

hospital quite correctly is unwilling that any films no matter how old, should be discarded so that it now seems necessary to procure space in a storage warehouse for the several tons of film that have accumulated in the most awkward portions of the basement of the hospital.

EDWARD B. D. NEUHAUSER, M. D.  
*Roentgenologist*

*The following papers were published:*

Adenoid Bronchosinusitis in Infants and Children

Stewart H. Clifford, M.D.

Edward B. D. Neuhauser, M.D.

Charles F. Ferguson, M.D.

*The Medical Clinics of North America*

September 1944, Boston Number

The Roentgen Diagnosis of Fetal Meconium Peritonitis

Edward B. D. Neuhauser, M.D.

*The American Journal of Roentgenology and Radium Therapy*

Vol. LI, No. 4, April, 1944

Congenital Absence of the Lung (Agnesis) and Other Anomalies of the Tracheobronchial Tree

Charles F. Ferguson, M.D.

Edward B. D. Neuhauser, M.D.

*The American Journal of Roentgenology and Radium Therapy*

Vol. LII, No. 5, November, 1944

A paper entitled "Roentgen Changes Associated with Pancreatic Insufficiency in Early Life" was read at the combined meeting of the American Roentgen Ray Society and the Radiological Society of North America held at Chicago, September, 1944.

X-RAY REPORT FOR THE YEAR ENDING 1944  
RADIOGRAPHIC CASES

*Out-Patient Department*

	1943	1944
Medical .....	1,686	1,758
Surgical .....	1,271	1,273
Orthopedic .....	1,883	1,652
Throat .....	86	155
<i>Total</i> .....	4,926	4,838

*Ward*

	1943	1944
Medical .....	693	750
Surgical .....	1,262	1,169
Orthopedic .....	660	751
Throat .....	244	211
<i>Total</i> .....	2,859	2,881

Infants . . . . .	1,036	957
Private . . . . .	1,732	2,221
Bader Building . . . . .	345	334
Isolation . . . . .	70	76
Miscellaneous . . . . .	34	21
Doctors . . . . .	74	66
Nurses . . . . .	386	393
Employees . . . . .	232	196
 <i>Total</i> . . . . .	 3,909	 4,264
 Total patient visits . . . . .	 12,432	 12,852
Total treatments . . . . .	910	867
Total diagnostic visits . . . . .	11,679	11,985
Total diagnostic exposures (films) . . . . .	32,061	32,716

## PHYSICAL THERAPY

THE figures for the total number of treatments given in several of the clinics were adversely affected by a shortage of workers. It was necessary to cut down on appointments for a period of several months in the general morning clinic, and also in the clinic for faulty posture and scoliosis cases, because the services of the physical therapy students were not available during that period. On account of the acute shortage of graduate physical therapists throughout the country, it was not possible to obtain temporary assistance, and more dependence had to be placed upon the results of instruction to the parents in a routine to be carried on at home, with less frequent supervision. The morning clinic figures show an increase over the last two years in spite of this policy.

The resumption of underwater exercises for the early polio cases resulted in a marked rise in the pool figures, although it was necessary to cut down on bringing large, helpless patients from Private Ward and V Upper during the first part of the year, when no orderly was available, on account of the heavy lifting.

Sixty-nine new cases of Infantile Paralysis were treated on the wards. Examinations of muscle function were made as soon as the condition of the patient permitted, and motion of the joints with muscle re-education was started as soon as it was felt that spasm and sensitiveness were not increased by motion. Patients were encouraged to perform the desired movements themselves, with assistance where needed. The "Kenny technique" which had been given a trial the previous year, was not continued. The aims of the restoration of properly controlled muscle function, and flexibility of the affected parts, seemed to be accomplished better when other methods were used as indicated by the patient's condition.

Hot packs were applied less frequently, and over shorter periods of time, and were carried out by the Nursing Service, although our students assisted enough to give them a familiarity with this routine.

In the clinic for Faulty Posture and Scoliosis, 132 of the 192 individual cases were classified as postural. 60 cases with structural scoliosis were divided as follows: Congenital anomalies 30; Idiopathic origin 21; Poliomyelitis 4; miscellaneous 5. Thirty of the 60 cases wore some type of support. Cases of scoliosis due to Infantile Paralysis are now being taken care of in that clinic, instead of being referred to the Scoliosis Clinic.

The physical therapy students play such a necessary part in providing physical therapy for the children in this hospital, that it seems fitting to include them in this report. Thirty-six students completed their courses during the year. Nine are now serving in the Army; five are with state programs for crippled children, and eight others with public health agencies, and 12 are working in clinics or hospitals. That their contribution to the work of rehabilitation is wide spread, is shown by the present addresses of these 36, which range from Washington State and APO San Francisco on the West, South to Texas and over the Atlantic to France.

Members of the Departments of Orthopedic Surgery, Pathology, and the School of Nursing gave much valuable co-operation in the teaching schedule, and the general training of these students, as well as in all the work of the physical therapists.

We have been very fortunate in having Miss Frederickson and Miss Kinsman remain with us, and continue their fine work.

The needs of the department for the future are urgent. They include: (1) a secretary to keep up the muscle examination and treatment charts which form part of the hospital record; (2) additional treatment rooms to replace those diverted to other purposes; (3) another staff worker; (4) a dressing room for the workers of the Physical Therapy Department.

JANET B. MERRILL,  
*Director of Physical Therapeutics*

#### DEPARTMENT OF PHYSICAL THERAPY REPORT—1944

Hospital Wards	Number of Patients	Treatments
Orthopedic . . . . .	199	5,937
Surgical . . . . .	19	240
Neuro-surgical . . . . .	30	82
Medical . . . . .	51	738
Neurological . . . . .	3	3
Throat . . . . .	2	73
Private . . . . .	16	205
Infants' Hospital . . . . .	2	2
Isolation . . . . .	35	478
Employees . . . . .	3	27
Nursing School . . . . .	11	94
Staff . . . . .	9	35
	380	7,914

*Out-Patient Clinics*

Orthopedic . . . . .	249	2,009
Surgical . . . . .	7	44
Neuro-surgical . . . . .	5	28
Medical . . . . .	1	4
Throat . . . . .	1	15
Private . . . . .	10	72
Miscellaneous . . . . .	4	26
	277	2,198
Scoliosis and faulty posture . . . . .	192	1,601
Muscle training (neurological) . . . . .	175	3,020
	644	6,819

### MUSCLE TRAINING CLINIC

FOR the year ended December 31, 1944, 55 new patients were admitted to the Muscle Training Clinic for treatment. They were diagnosed as follows:

Brachial Palsy . . . . .	7
Cerebral Palsy . . . . .	37
Quadriplegia . . . . .	11
Right Hemiplegia . . . . .	11
Left Hemiplegia . . . . .	8
Paraplegia . . . . .	7
Facial Palsy . . . . .	2
Mongolian Idiocy . . . . .	1
Spina Bifida . . . . .	3
Deferred . . . . .	5
	55

A total of 2,989 treatments were given to patients previously admitted.

RANDOLPH K. BYERS, M.D.

## HARVARD INFANTILE PARALYSIS COMMISSION

DURING 1944 there was a distinct increase in the number of patients with infantile paralysis in Massachusetts. 441 cases were reported to the State Board of Health. As a reflection of this increased incidence, 137 new cases were admitted to the Clinic, more than twice as many as in 1943. The attendance at the Clinics increased by more than 800 visits over that of the preceding year and totalled 8838. Of this number, more than 5000 were visits to the Central Clinics, and the remainder to the Treatment Clinics held weekly in Arlington, Dedham, Haverhill, Lawrence, Lowell, Malden, Quincy, Somerville and Waltham, and bi-weekly in Beverly.

The co-operation of the Clinics with the Orthopedic Nurses of the Visiting Nurse Association of Boston was maintained, an arrangement which allows much closer supervision of patients than could be accomplished by either organization working separately. Working under the orders of the Clinic surgeon, the Orthopedic Nurses gave more than 1000 treatments to patients with infantile paralysis in Greater Boston and visited the Clinic at regular intervals with their patients. We appreciate the co-operation of Miss Mary MacDonald, the Orthopedic Supervisor of the Visiting Nurse Association, for this close relationship.

The regular clinics of the Commission are held on Tuesday, Thursday and Friday mornings; treatment activities, however, are maintained throughout the week. The latter category includes the activities of the functional training room. Nearly 1000 instructional periods were given in this unit during 1944. The results obtained have served to emphasize the great value of this program.

A closer relationship between the Chapters of the National Foundation for Infantile Paralysis and the Commission has been developed during the years. This has been of great assistance to us, and, we believe, in turn in the care of patients in this area. The Commission has received direct financial support from the Essex, Middlesex, Norfolk and Suffolk Chapters of this organization; and the Commission is represented on the Advisory Board of each of these Chapters.

In November, the Director of Clinics was asked by the National Foundation to make a survey in North Carolina of the cases of infantile paralysis in the Emergency Hospital in this epidemic area, and to make recommendations regarding the treatment of these patients. Miss Janet Merrill, Director of our Physiotherapy Department, Miss M. Lella Dwyer of our staff, and Miss Dorothy Fredrickson of the Physiotherapy Staff of The Children's Hospital also made this trip and assisted in the examination of patients.

The longitudinal study of the effects of infantile paralysis upon growth, which has been supported by a research grant from the National Foundation, has been continued. Patients in the Clinic who have unilateral involvement of the lower extremities have been the particular object of study. 427 cases are enrolled in the study group. The study has now accumulated data on a sufficient number of cases to assist materially in the development of techniques by which accurate equalization of the growth of lower extremities may be obtained. Miss Margaret Anderson, technician, has assisted in this study.

The necessity of vocational guidance, training and placement in the re-

habilitation of patients affected with infantile paralysis has been recognized for a long time, and certain co-operative efforts have been made in this direction by the Commission. The relative importance of effective placement has been emphasized during the war by the fact that, in this period of manpower shortage, the high rate of effective employment of our patients and former patients has been demonstrated. It is the rare individual who has had infantile paralysis who cannot be economically independent if given a chance. Many of these so-called physically handicapped individuals, if placed in the proper occupation, do a more effective job than the average available employee. Often, their appreciation of a chance to work and their conscientious effort discount their physical handicaps. In normal times, however, the presence of any suggested physical defect prevents these people from obtaining jobs and in turn demonstrating their worth. Steps are now being taken, in association with the local Chapters of the National Foundation, to develop a technique for the satisfactory placement of these individuals.

Dr. David S. Grice was appointed Assistant to the Director in February of this year. He replaced Dr. John F. Bell, who received his commission in the Army.

We wish to express our appreciation to the Board of Managers and the Director of The Children's Hospital for their direct assistance during the year; to the National Foundation for Infantile Paralysis which has supported a part of our teaching and research activities; to the local Chapters of the National Foundation and to Mr. R. W. Linscott, Regional Director, for their co-operation in the care of patients; and to Noemi No. 11 U.T.O.S. for their generous interest in the work of the Commission. We should also like to thank those communities in which the Field Clinics are held for their active interest and support; and the many Red Cross and volunteer drivers for their generosity in providing transportation to the Hospital and the Field Clinics.

WILLIAM T. GREEN, M.D.,  
*Director of Clinics*

#### HARVARD INFANTILE PARALYSIS COMMISSION

Number of regular clinics held at The Children's Hospital.....	151
Number of Doctor Clinics held in outside cities .....	4
<i>Total</i> .....	 155
Number of visits made to The Children's Hospital Clinics.....	5,181
Number of old cases seen at Doctor Clinics in outside cities.....	146
Number of visits made in the Field by Commission workers.....	3,510
Number of new cases seen at Doctor Clinics in outside cities... .	1
<i>Total</i> .....	 8,838
Average attendance at Hospital Clinics.....	34.3
Number of new cases seen at Hospital Clinics.....	137
Number of visits for Functional Training.....	977
Number of cases operated upon in The Children's Hospital.....	52
Number of individual cases seen at Hospital Clinic.....	897
Total number of individual cases seen (including outside Clinics).....	952
Number of visits, co-operative therapy, Visiting Nurse Association.....	1,041

## STAFF BACTERIOLOGIST

IN such a hospital as ours, where infections play an outstanding role, the Department of Bacteriology welcomes and enjoys the give-and-take relationship in which it stands to the staff. The hospital physicians, particularly the residents and internes, have been co-operative in their demands and discriminating in their choice of procedures for the laboratory. One result of this attitude has been a reduction in the total number of specimens sent for culture, notably blood, spinal fluid and urine. The total number of procedures carried out by the Bacteriology Laboratory fell in 1944 by 12.3 %.

On the other hand, the sub-division of Clinical Pathology, concerned with such determinations as blood counts, urinalyses, spinal fluid examinations, electrocardiograms, and basal metabolism tests, neither increased nor decreased that part of its work for which an accounting was kept. However, no tally was made of the blood work done on patients in the public wards, the consensus being it was somewhat greater in 1944 than previously.

During the year, several changes in personnel were forced upon us by the resignation of staff technicians. Mrs. Helen Foley retired, to our great regret from professional activity, her place being taken by Miss June Collins. Mrs. Margaret Wolf returned to us from the Presbyterian Hospital in New York, where, among other things, she had acquired useful techniques pertaining to Penicillin. Miss Doris Breed was added to the staff as a junior bacteriologist. In Clinical Pathology, Mrs. Marjorie Shuman has two new assistants, Miss Ruth Cutler and Miss Dorothy Lipson. Mrs. Shuman's efficiency will be the only reason for having any regret at the War's end, inasmuch as she will leave to rejoin her husband on his return from overseas.

With the return of the men from the services and with the added leisure for those "extra" things which peace should bring, new ideas, new techniques, new energies and new faces will inject their stimulating influence into the entire hospital, and in this the Department of Bacteriology hopes to share. Among other things, we hope that before beginning their internships some house officers will again have an opportunity to serve for a few months in the Bacteriology Laboratory, performing the routine work there and familiarizing themselves with procedures taught them in the medical school. In this way they will learn how to use the laboratory wisely. After finishing their services on the wards and with the practical experience of the laboratory behind them, some may then turn to productive research on problems arising from their experience.

JOHN A. V. DAVIES, M.D.

March 1, 1945

## BACTERIOLOGY LABORATORY

January-December, 1944

### Cultures from

Blood.....	774
Spinal Fluid.....	1,477
Surgical and Miscellaneous.....	6,279
Feces.....	757
Urine.....	582
Guinea pig inoculations.....	77

Agglutinations.....	187
Pneumococcus Typings.....	27
Vaccines.....	8
 <i>Total</i> .....	 10,168

#### CLINICAL PATHOLOGY

Routine Urinalysis .....	3,159
Blood	
Hemoglobin estimation.....	1,093
Red cell count.....	1,223
White cell count.....	1,659
Differential count.....	983
Bleeding time est.....	12
Clotting time est.....	10
Blood grouping.....	143
Hinton tests.....	123
Spinal fluid examination.....	103
Feces examination.....	30
Electrocardiograms.....	589
Basal metabolism tests.....	91
Sedimentation rates.....	140
Miscellaneous.....	2
 <i>Total</i> .....	 9,360

#### SUMMARY OF EXAMINATIONS MADE

Year	Bacteriology	Increase or Decrease from Previous Year	Clinical Pathology	Increase or Decrease over Previous Year
		Previous Year		
1944	10,168	—12.3 %	9,360	0 %
1943	11,595	+14.8 %	9,366	—20.7 %
1942	9,871		11,810	
1941	8,046		11,753	

#### DEPARTMENT OF PHOTOGRAPHY

THIS year has registered an increase of about 100 patients passing through the Department with a somewhat smaller increase of clinical photographs produced. The largest increase in patients sent to Photography was in Private Ward, which is nearly double the number reported last year.

Color photography has increased very materially over last year and it is anticipated that the number of cases requesting color will continue to increase.

Shortages of first one material and then another have continued to hamper the Department. Motion picture film has been procured with great difficulty and this situation will probably remain until the end of the war. A shortage

in printing and enlarging paper began in December and is expected to continue for at least the first four months of the coming year. Shortages of other paper products necessary in conducting the affairs of the Department will be serious if continued over a very great period of time.

Much more photography in the Operating Room has been done this year than previously, particularly in Neuro Surgery. This has helped to clear up some previous difficulties encountered in this field.

In September the Photographer attended the Convention of the Biological Photographic Association held in Binghamton, New York, and was honored by being elected to a third term as President of the Association. A paper was read on "The Photography of White Objects."

FERDINAND R. HARDING

Papers published during the year were:

"Aids to Visual Education in Medicine." *N. E. Jour. Med.* 231:224-224  
 (Aug. 10, 1944)

"Notes on Clinical Photography." (With E. N. Armstrong) *Jour. Biol. Photo. Assn.* Vol. XIII, No. 1

"Photography of White Objects." *Jour. Biol. Photo. Assn.* Vol. XII, No. 2

DEPARTMENT OF PHOTOGRAPHY ANNUAL REPORT  
 1944

Service	Cases	Views
Orthopedic.....	372	914
Surgical.....	445	1,021
Medical.....	45	99
Infants' Hospital.....	36	69
Pathology—Infants' Hospital.....	104	190
Pathology—Children's Hospital.....	302	604
Harvard Infantile Paralysis Commission.....	109	379
Scoliosis Clinic.....	120	474
Private Ward.....	241	532
Ward 6.....	3	4
Ward 9.....	12	28
Ward 11.....	5	8
Dental Clinic.....	7	21
Administration.....	4	21
School of Nursing.....	1	2
<i>Total</i> .....	<b>1,806</b>	<b>4,366</b>
Miscellaneous Negatives.....	1,307	
Miscellaneous Prints.....	2,242	
Color Slides.....	162	
Lantern Slides.....	414	
Motion Pictures.....	13	
Photostats.....	2,395	
Charge Slips.....	\$1,227.06	
<i>Total Negatives</i> .....	<b>5,671</b>	
<i>Total Prints</i> .....	<b>6,607</b>	

## OCCUPATIONAL THERAPY DEPARTMENT

DUE to the shortage of Occupational Therapy students, who are majoring in orthopedic, psychiatric and government hospitals, the department has had to curtail activities.

For the most part, treatment has been aimed at cases referred by doctors, nurses and social service. A total of 1,689 children received functional, educational or recreational therapy. Volunteers helped greatly with preparation.

There were two Boston School of Occupational Therapy students affiliating in this department during the year. Graduate nursing students from Boston University observed the activities of the department.

Three four-hour courses in Occupational Therapy were given for Children's Hospital nurses. These courses included the analysis of activities used in the treatment of orthopedic cases. On the average of every six weeks, a one-hour lecture to groups of affiliate nurses was given.

On January 1, 1945 there were 1634, books in the library. A total of 1905 books were loaned to patients in the hospital during 1944. Many new books were added to the library during the summer months. A large group of outdated books were discarded and passed on to settlement houses and summer camps.

Christmas decorations were placed in the wards and Out Patient departments. A large Christmas party was held on the orthopedic service. The program was planned in such a way that the children took an active part in the entertainment. We are deeply indebted to nurses, doctors, teachers and social workers who helped make the party possible.

A change in the Directorship took place in March, 1944, when Miss Florence A. Fisher, O.T.R. succeeded Mrs. F. Reed Estabrook, Jr., O.T.R.

Looking forward to more normal times and the new hospital, I would like to make the following suggestions:

1. The Simon Baruch Committee formed in January, 1944, to study the needs in the development of Physical Medicine Programs, made the following recommendation: (Physical Medicine includes the properties of light, heat, water, Physical Therapy and Occupational Therapy.)  
Closer co-operation between Occupational Therapy and Physical Therapy.
2. A centralized Occupational Therapy shop, located conveniently in respect to other services.

We extend sincere appreciation to Mrs. H. Parker Whittington and the Welfare Committee.

FLORENCE A. FISHER, O.T.R.,  
*Director of Occupational Therapy*

## SOCIAL SERVICE DEPARTMENT

AGAINST the background of shifting world conditions, the needs of sick children must still be met and necessary adjustments made. The numbers for 1944 have been greater with 2151 children receiving varying degrees of social service but the problems have been similar to those of the last two years. The fact that more fathers are now in the Armed Forces and many of them Overseas,

has intensified and refocused perennial problems without essentially changing them. Socially and emotionally unadjusted children, many of them without organic disease, represent the largest single group coming to the social workers in the Medical Out Patient Department and on the Neurological Service. It is hard to say if the war has increased maladjustment because we have no comparable pre-war figures, but more mothers need help when fathers are out of the home. One wonders what the prolonged absence and death of some of these men will mean to their children left behind. It is too soon, however, even to predict what the future effects may be. Rationing, while occasionally an irritating complication, has resulted in no real hardships and widespread improvement in economic conditions has reduced the difficulties surrounding financial inadequacy. When government allotments cannot provide special requirements, the Home Service of the American Red Cross has provided aid and has helped in meeting other needs of children of men in Service. Although still working with peacetime agencies, such as the Family Society and the child placing agencies, we have had increasingly more contacts with local Red Cross units. We are also co-operating with the First Service Command of the Army by giving past medical and social data on draftees. An attempt is being made to screen out men unfit for military service who might break down emotionally or physically under the strain of battle.

Aside from our regular work with patients, the Social Service Department runs, perforce, a sort of "Information Please" for the general public on any question associated with children. Although the community has provided suitable resources for inquiring and direction, apparently a number of people turn first to the Children's Hospital. We have been asked such things as where to place babies while mothers shopped, attended theatres, or went on vacations; how to adopt or board children, and where to find schools, camps or institutions for permanent care. A father in the Army asked help in planning for the daily weighing of his baby, and another in the Navy, who was being shipped to sea in a few hours, wanted a housekeeper for a sick wife and a well child. Although we take no final responsibility for those not our patients, we try by proper advice and steering to start the anxious inquirer on the road to the successful solution of his problem.

In spite of many handicaps, most camps opened this last summer and were willing to take some of our children. Two new ones gave opportunities for the first time, one to little pre-school children and the other to those physically handicapped. Grants from the Hood and Hayden Foundations and the Committee of the Permanent Charity Fund, Inc., gave us funds to send 116 boys and girls to 26 different camps from two to eight weeks for a total cost of \$2037.81.

Shortages of social workers and secretaries at last caught up with us. We were unable to fill on a permanent basis the vacancy on the Surgical Service left by the resignation of Mrs. Ruth Alpert in May, 1944. Mrs. Caroline Singleton, upon graduation from the Simmons College School of Social Work, came in June, but unexpectedly left in July to join her husband in Spain. Miss Mary Deenihan resigned in April to take a position with the War Shipping Administration to do social work with the Merchant Seamen. Miss Julie Corcoran who had been the backbone of the secretarial staff for six years, followed her to the same agency in October. Two temporary workers tided us over the summer,

Mrs. Katherine Norwood from the University of Chicago, School of Social Service, and Miss Grace Cranston, a student at the Simmons College School of Social Work. In September Mrs. Lendon Snedeker, a graduate of the New York School of Social Work joined the staff on a part-time basis to work in the Infants' Hospital.

A course of 10 hours on social problems was given twice during the year to our second year student nurses. As a new venture, we took three students from the Simmons College School of Nursing for a month each. These graduate nurses who were taking the one year program in Public Health nursing, came five afternoons a week to observe and orient themselves to social work as practiced in a hospital setting. Two students from Simmons College School of Social Work, and one from the Boston College School received field work training from Miss McGinnis and Miss Scott.

We are indebted to Mrs. Novello, Director of War Service Volunteers, and the several volunteers who have helped us to fill in the gaps caused by personnel depletions by doing typing and carrying on that part of the medical follow-up which is the responsibility of this department. Our mutual concern for the patient makes co-operation for his best interests inevitable. However, beyond what might be expected, even under added burdens and pressures, the Administrative, Nursing and Medical staffs have given us encouragement, understanding, and moral support.

MARION W. HALL,  
*Director of Social-Service*

## SCHOOL OF NURSING

STUDENTS admitted to the School of Nursing during the year 1944 numbered 52 with the following geographical distribution:

Massachusetts	41	New Hampshire	1
Connecticut	4	New York	1
Maine	4	Pennsylvania	1

The scholastic and aptitude tests of the group rated 72.5 % as excellent or very good. This was a slight decrease over last year, but better than the previous year. There was an increase of about 5 % in the group who had one or more years of college.

Of the group admitted this year, 40 entered as Cadet Nurses. The total number of Cadets is 98 out of a total of 133 students. For the year beginning July 1, 1944, which corresponds to the beginning of the fiscal year for the government, the approved budget for this School was \$59,021.70.

Thirty-five students were graduated during the year. The distribution of these graduates at this time is not significant, since it is temporary, as all 1944 graduates are being classified as 1A (available for military service) by the Procurement and Assignment Service of the War Manpower Commission. Exemptions may be secured for those in head nurse positions, of whom we have five. Two members of the class are in the Army and seven others have completed their applications and are now awaiting orders. This number will be further increased after the January State Board Examinations. One graduate is abroad under the auspices of UNRRA.

Every principal of a school likes to report that improvement has been made in the curriculum, in teaching methods, in preparation of the faculty, and in administrative procedures. We have no such report to make; rather we are thankful that we have not lost too much ground in those important areas that contribute so largely to the kind of graduate the school produces. Like other educational institutions we have speeded up our program. Adjustments have been made in the program of study; we have put into positions of responsibility young women who have recently graduated. The pressures of war have forced compromises on us in our educational program, but they are compromises which should be remedied as soon as possible.

The Children's Hospital really conducts two good sized schools of nursing, one, The Children's Hospital School of Nursing for the basic course in nursing; and the other an affiliating school for teaching and experience in the care of children. We believe that the School of Nursing is making an important contribution to the community through the teaching of these affiliating students and during the year 1944 the following numbers, representing the indicated institutions completed the three months' course:

Peter Bent Brigham Hospital.....	54
New England Deaconess Hospital.....	46
New England Baptist Hospital.....	35
The Faulkner Hospital.....	29
Eastern Maine General Hospital.....	37
Beverly Hospital.....	17
Salem Hospital.....	28
Truesdale Hospital.....	25
Newton Hospital.....	44
Melrose Hospital.....	18
McLean Hospital.....	15
Beth Israel Hospital.....	33
Simmons College.....	28
Massachusetts General Hospital.....	16

425

The following numbers of Children's Hospital students had affiliations at the institutions indicated:

Peter Bent Brigham Hospital.....	37
Boston Lying-in Hospital.....	50
McLean Hospital.....	39
Massachusetts General Hospital.....	6
Simmons College (Public Health Course)....	14

146

During the summer we admitted three students who were under scholarships given by the National Foundation for Infantile Paralysis for a month's experience and teaching in orthopedic nursing, and at the request of the Rockefeller Foundation we received three graduate nurses from Chile who spent a month on our wards before going to Toronto for post-graduate work in public health nursing.

During the year a co-operative arrangement was made between Boston University and The Children's Hospital for the teaching of post-graduate students in pediatrics. These students spend about 16 hours a week here for a period

of four months and then are assigned to other child caring agencies. The instructor is employed half-time by Boston University and half-time by us. She is the co-ordinator of our ward teaching program. The funds for the course at Boston University were appropriated through the State Department of Health on the recommendation of the Children's Bureau. Fourteen students were in the first course.

In October we began an arrangement by which we send three to six affiliating students to the House of the Good Samaritan for one month's experience. The plan works exactly as though the students were being assigned to one of our wards. They reside at the House of the Good Samaritan, but have all formal teaching with the students here. Such a joint arrangement is only possible with an institution as close to us as the House of the Good Samaritan. This affiliation serves three purposes: (1) it helps the nursing situation at the House of the Good Samaritan; (2) it helps to meet the general need for more pediatric affiliations, and enables a number of schools to send more affiliating students because they will reside with us for a two month rather than a three month period; (3) it cares in part for medical experience and makes it possible for us to assign more students to the Private Ward and the various surgical services.

The following policies for admission to the School of Nursing were voted by the Board of Trustees:

"To admit student nurses to The Children's Hospital School of Nursing by selection, based on good native ability, social maturity, aptitude for nursing, high standards of personal living, sound health of body and mind, without reference to race, creed, or color.

"To admit affiliating students without reference to race, creed, or color for affiliation, upon the recommendation of the principal of the affiliating school and approval of the principal of The Children's Hospital School of Nursing."

The Board of Trustees also voted to put into effect the 48-hour week including classes for student nurses, which is the recommendation of the United States Public Health Service for cadet nurses. The majority of the student nurses we now have are cadets. This policy was put into effect for students on day and relief duty on May 30, 1944, but it is not yet in effect for students on night duty.

The illness figures for 1944 are as follows:

	<i>Average Days of Illness</i>
Children's Hospital students.....	11.2
Affiliating students.....	8.9

This was a reduction in 1944 over 1943 of one day's illness per student for Children's Hospital students, and a reduction of 2.5 days' illness per student for affiliating students.

On the closing day of the year two Senior Cadets left us for experience in a Navy hospital. Being a Senior Cadet means that the student has completed the required classwork and clinical experience and for her last six months is available for service in the home hospital or some other essential service or agency, or a government hospital. A school is obligated to release a Senior Cadet for government service if she requests an appointment in a governmental service and the agency wishes to accept her.

We have been commenting for a number of years on the inadequacies of Gardner House to house the staff and students. The admission of new students in September with the large number of affiliating students taxed Gardner House to more than the normal capacity. Seven students were put in the pent house, and three sitting rooms were taken over and double decker beds were used. A room which was previously a utility room for the Infirmary was used for a bedroom. This was a temporary arrangement to tide us over in an emergency. We cannot use the pent house in winter, and our need for expansion still exists. The need for office space in Gardner House was met by conversion of a women's rest room on the first floor into an office and by making a waiting room into two offices.

There have been, as in each of the war years, many changes in the faculty and staff. During the year there were 45 resignations from the full-time staff and 14 from the part-time staff as against 37 full-time and 11 part-time in 1943. The average number employed in 1944 was approximately 60, or less than two-thirds of our normal quota of graduate nurses. The number of students in the School is good. Our greatest difficulty is in the few staff nurses to stabilize the service and to relieve head nurses. During the year the local Procurement and Assignment Service gave us clearance on our head nurse staff, but one cannot hold a person who wants to go into the Army. One of the particularly discouraging spots due to frequent changes is the operating room.

Many hospitals in the country since the war began have been forced to close wards and departments due to lack of nursing service. This number has been increased during the last year. We have reversed the procedure and are taking care of more patients this year than before the war. To be perfectly frank, it is a little discouraging for the nursing service to try to meet increasing demands with a smaller staff. Student nurses are carrying most of the load for the nursing care of patients as well as many of the duties which formerly belonged to other workers in the hospital. There are few general staff nurses, scarcely any ward helpers and still less orderly service, and the orderlies we have are young high school boys. Again it must be reiterated that the same quality of nursing service cannot be rendered with a depletion in the number of nurses and an increase in service load as with a normal staff, and nurses are not available.

As this report is being written the Army is asking for 10,000 nurses immediately and 250 a month to make up for losses. The Navy is asking for 2500 by July first, and, in addition, 150 per month for losses. The authorized number of nurses to patients in the Army in this country is 1-15 and overseas, 1-12. The average ratio in this country is now running 1-20 or 1-22. Hospital units have been sent overseas recently without nurses because of the extreme shortages here. There is great pressure being brought on young nurses who graduated throughout 1944 and those who will graduate during the first six months of 1945 to go into the military service. Because of the critical situation in the Army Nurse Corps, senior students are now being classified, and practically all of them will be classified as 1A (available for military service) as soon as they are registered. The outlook for civilian hospitals in retaining graduate nurses is gloomy, but military needs for nurses will have to be met. We are fortunate in having a large student body.

To date 120 Children's Hospital nurses have served, or are serving with the

armed forces, two have been promoted to captain and 19 to 1st lieutenant in the Army Nurse Corps, and one to lieutenant (j.g.) in the Navy Nurse Corps.

Many of the group now on the staff would, if they followed their own desires, join the military services. They have agreed to accept the decision which classifies them as essential for the nursing care of patients and the teaching of student nurses. Our nurses in the military service are helping to write an epic story. But those who are serving in our civilian hospitals at home are also writing one, even though less dramatic.

We appreciate greatly the contribution which has been made by graduates of this and other schools who come in for part-time service. The volunteer service which has been given both by the Red Cross Nurse's Aides and by the War Service Committee has been efficient and effective and we are grateful to each volunteer.

STELLA GOOSTRAY,  
*Superintendent of Nurses,*  
*Principal, School of Nursing*

December 31, 1944.

Children's Hospital students enrolled, January 1, 1944	128
Admissions—Children's Hospital students . . . . .	52
	—
Completed course during year . . . . .	35
Removed from roll	
Preclinical. . . . .	4
First year. . . . .	5
Second year. . . . .	3
Third year. . . . .	1
	—
Temporarily off enrollment—to re-enter. . . . .	13
	1
	—
Re-entered. . . . .	49
	—
131	
	2
Children's Hospital students enrolled, December 31, 1944. . . . .	133
Affiliating students completing course during year. . . . .	425
Student Nurse Enrollment, December 31, 1944	
Children's Hospital students enrolled. . . . .	133
Affiliating students enrolled. . . . .	124
Less affiliating students on vacation. . . . .	4
House of Good Samaritan. . . . .	3      7      117
	—
	250
Children's Hospital students on affiliation, not in residence. . . . .	47
Children's Hospital students in residence but at- tending Simmons College	
Preclinical course. . . . .	32
Public health course. . . . .	5
	—
	84

Total number of students assigned to wards and special departments	
Children's Hospital.....	135
Infants' Hospital.....	31
	250

*Graduate Staff, December 31, 1944*

Superintendent of Nurses.....	1
Assistants.....	3
Instructors.....	3½
Night Supervisors.....	3
Day Supervisors.....	4
Head Nurses.....	13
Assistant Head Nurses.....	1
General Staff Nurses.....	17
Operating room and anaesthesia.....	12
Out-Patient Department.....	4½
Infants' Hospital.....	5
<i>Total</i> .....	67

Vacancies, December 31, 1944.....	24
Resignations on hand.....	7

### WELFARE COMMITTEE

IN the past year the two biggest projects that we have worked out have been the Volunteer War Service and the Cafeteria.

Miss Elizabeth C. Leland, Mrs. Alexander Wheeler, Mrs. Francis B. Lothrop, Mrs. Donald Falvey and Mrs. C. Sidney Burwell have been in charge of the cafeteria. We have three volunteers a day working there, and we serve over 4500 people a month. The cafeteria is open five days a week from 11:00 a.m. to 1:00 p.m., and during the year we have served about 40,000 lunches; the number is increasing each day. All this work is done by volunteers.

The Volunteer War Service under the direction of Mrs. Russell Novello has twice as many volunteer hours as the year before with volunteers giving more time and new jobs being covered. We have three groups of men volunteers and their contribution has been most valuable. They have done heavy cleaning, and worked in the laundry as well as many other things. The total number of hours given to volunteer work has been 22,004.

The Yankee Trading Post increased its earnings and another one is being planned for April. Also the receipts from the Children's Hospital Clubs and the Thrift Shop have increased.

The usual committees have gone on with renewed force and vigor.

The Welfare Committee knows that this work could not have been done as well if it had not been for the able management of Miss Barbara Frost.

MRS. H. PARKER WHITTINGTON,  
*Chairman*

## FINANCIAL STATEMENT OF WELFARE COMMITTEE

*Receipts*

Welfare Committee.....	\$6,341.56
Avery Lectures.....	1,000.00
Yankee Trading Post.....	3,500.31
Campaign proceeds through Welfare Committee	381.11

*Gross Receipts.....* \$11,222.98

*Deduct Special Donations*

Avery Lectures proceeds for the following purpose: (in accordance with the recommendation of the Committee and the approval of the Board of Trustees)

Occupational Therapy Department..... \$1,000.00

Yankee Trading Post proceeds for the following purpose: (in accordance with the recommendation of the Committee and the approval of the Board of Trustees)

William E. Ladd Chair of Surgery.....	1,750.15
Welfare Committee Fund of Building Fund	1,750.16
Holiday Committee.....	102.50
Expenses.....	3,023.64
Balance towards current expenses.....	3,596.53

\$11,222.98

**MRS. JOHN E. LAWRENCE,**  
*Assistant Treasurer*

### MEMBERS OF THE WELFARE COMMITTEE

January, 1944 to January, 1945

Mrs. H. Parker Whittington, *Chairman*

Mrs. Thomas H. Lanman, *First Vice Chairman*

Mrs. Donald Falvey, *Second Vice Chairman*

Mrs. C. Sidney Burwell, *Third Vice Chairman*

Mrs. Francis B. Lothrop, *Fourth Vice Chairman*

Miss Dorothy Rackemann, *Fifth Vice Chairman*

Miss Patricia Spencer, *Recording Secretary through April, 1944*

Mrs. Alexander Wheeler, *Recording Secretary, new April, 1944*

Mrs. John G. Palfrey, *Corresponding Secretary*

Mrs. John E. Lawrence, *Treasurer*

Mrs. Gordon Abbott

Mrs. William Benjamin Bacon

Mrs. Gordon Abbott, Jr.

Mrs. Joel M. Barnes

Mrs. Arthur W. Allen

Miss Betty A. Bartlett

Mrs. Henry F. Allen

Mrs. William DeFord Beal

Mrs. E. Mauran Beals, Jr.	Miss Constance B. Learned
Mrs. Arthur E. Beane	Miss Elizabeth C. Leland
Mrs. C. Stewart Black	Mrs. Minot W. Lewis
Mrs. William Hammond Bowden	Mrs. Maxwell E. Macdonald
Mrs. J. Lewis Bremer	Mrs. Frederic W. Mattheis
Mrs. Theodore E. Brown	*Mrs. David A. Mittell
Mrs. F. Wadsworth Busk	Mrs. George H. Monks <i>(Died April, 1944)</i>
Mrs. Harold P. Carver	Mrs. John W. Myers
Mrs. Edwin F. Cave	Mrs. Kirke A. Neal
Mrs. George A. Clapp	Mrs. Harris J. Nelson
Miss Louise Coburn	Mrs. Edward B. D. Neuhauser
Mrs. Lawrence Coöldige	Mrs. Robert N. Nye
Miss Priscilla Cornish	Mrs. Frank R. Ober
Mrs. Channing H. Cox	*Mrs. Francis Parkman
Mrs. William C. Cox	Mrs. Roger A. Perry
Mrs. Bronson Crothers	Mrs. Charles H. Pettit
Mrs. E. Goodwin Cummings	Mrs. William Brace Pratt
Mrs. Arthur A. Cushing	Mrs. Lewis I. Prouty
Mrs. B. Welch Dane	Miss Sarah S. Reed
Mrs. John A. V. Davies	Mrs. Otis T. Russell
Mrs. Charles Devens	Mrs. William E. Russell
Mrs. Franklin Dexter, Jr.	Mrs. William L. Shearer
Mrs. Louis K. Diamond	Mrs. Oscar H. Simmons
Mrs. Ralph H. Doane	Miss Ida C. Smith
Miss Catherine Donnelly	Mrs. J. Verity Smith
Mrs. Edward C. Donnelly	Mrs. Horace H. Soule, Jr.
Mrs. Hamilton P. Edwards	Mrs. Horace K. Sowles
Mrs. Samuel Eliot	Miss Patricia Spencer
Mrs. Carl H. Ernlund	Mrs. Edwin Steele
Miss Jean Evatt	Mrs. Frank H. Stewart
Mrs. Sidney Farber	Mrs. Philip Stockton
Mrs. Charles F. Ferguson	Miss Virginia Stone
Mrs. Reginald Fitz	Mrs. William Sutton
Mrs. George P. Gardner	Mrs. Robert C. Terry
Mrs. William T. Green	Mrs. Richard H. Thompson
Mrs. Vincent L. Greene	Mrs. Edwin Troland
Mrs. Robert E. Gross	*Miss Elizabeth T. Twitchell
Mrs. John W. Hallowell	Mrs. Samuel D. Warren
Mrs. Bartlett Harwood	Mrs. Richard P. Waters
Mrs. Lovering Hathaway	Mrs. Edwin S. Webster
Mrs. C. Stephen Heard	†Mrs. Edward E. Wendell
Mrs. Harold D. Hodgkinson	Mrs. Nehemiah H. Whitman
Mrs. Russell Howell	Miss Hilda W. Williams
Mrs. Henry W. Hudson, Jr.	†Mrs. S. Burt Wolbach
Mrs. Franc D. Ingraham	Mrs. Edgar N. Wrightington
Mrs. John H. Johnson	
Mrs. Hunt Kelley	
Mrs. Robert M. P. Kennard	
Mrs. Louis E. Kirstein	
Mrs. William E. Ladd	

*Honorary Member*

Mrs. Frederick S. Mead  
*(Died October, 1944)*

\* Elected 1944

† Resigned

## VOLUNTEER SERVICE OF THE OUT-PATIENT DEPARTMENT

IT is with sincere regret that my stay at The Children's Hospital as Director of Volunteers in The Out-Patient Department, has terminated. I have already missed it more than I realized could be possible.

However, I have left The Out-Patient Department in excellent hands. Miss Elizabeth Twitchell is the new Director, and indeed, we are fortunate to have her. Miss Twitchell came to me last summer wishing to volunteer on a full time basis. She was most outstanding in her work, in fact, when I left for my summer vacation, I felt secure in leaving her in charge during my absence.

We were most grateful when Miss Twitchell accepted the invitation to become Director of Volunteers of The Out-Patient Department, November 1, 1944.

The year of 1944 has been successful for The Out-Patient Department. We have had 29 volunteers who have given a total of 4217 $\frac{1}{4}$  hours.

A Children's Hospital Handbook, containing rules and regulations for the Volunteer, has been printed, which is one more step forward.

As we look into the past, present and future, we see the Volunteer as something which was helpful, something which is a necessity, and something which we will not be able to do without.

JEAN EVATT

## VOLUNTEER WAR SERVICE

THE year 1944 has given the Volunteer War Service new and greater opportunities to serve the hospital. The number of volunteer hours is almost twice as many as the year before, with volunteers giving more time and covering additional jobs.

The steady and continued interest and effort of many of the original volunteers who were here at the beginning of the service, and some who have joined since, has been the backbone and strength of our contribution. They have often come on short notice to fill emergencies and cancelled and postponed their own plans and living. They have taken pride in their work and tried to do their jobs well, in spite of inexperience sometimes.

The number of people being served at the cafeteria in the out-patient department has increased to three times the number it was set up to serve. This has necessitated a more definite organization of procedure in preparing and serving the food, and greater effort and longer hours on the part of the volunteers. They have met this need with co-operation and dependability.

In the summer, we were fortunate in having a number of fine girls, who gave up most of their vacations to fill the places of women who had to go away for the summer. A group of men also worked on the grounds, evenings, and did much to improve the appearance of the hospital.

The number of men on the night cleaning crews has increased and their contribution has been most valuable. They have mopped and polished floors week after week and have taken over the laundry and run the machines as well as many other things.

The D. A. R. has continued to do sewing for the hospital at their workroom, the materials being delivered by us and the finished articles being picked up. We are very grateful for these necessary well-made articles.

The call to us for help in feeding children in September started a program of child feeding and tray service. This has been so successful that it has carried over and is now being done in five wards.

The Photography Department has a volunteer for the first time.

We have also given added help to the Social Service department in the past year, in various ways, including social workers' assistants, typists, and people to assist in taking children to homes, hospitals and camp. A few children have been tutored and helped with individual problems.

The following are the departments covered by volunteers in 1944 and the number of volunteers and hours given to each:

<i>Women</i>	<i>Volunteers</i>	<i>Hours</i>
Blood Bank.....	9	707 $\frac{1}{4}$
Cafeteria.....	57	2335 $\frac{3}{4}$
Laundry.....	17	823 $\frac{3}{4}$
Infants' laundry.....	153	1171 $\frac{1}{2}$
Occ. Therapy OPD.....	25	1228 $\frac{1}{4}$
Occ. Therapy Wards.....	43	1978 $\frac{1}{4}$
Orderlies MOR.....	22	715 $\frac{1}{4}$
Orderlies X-ray.....	23	1092 $\frac{1}{2}$
Supplies MOR.....	12	1752
Orderlies Main Hall.....	18	413 $\frac{1}{4}$
Social Service.....	14	519
Secretarial.....	5	227 $\frac{1}{2}$
Surgical Dressings.....	28	1413 $\frac{1}{2}$
Admitting Orderlies.....	4	11 $\frac{1}{4}$
Blood Laboratory.....	4	65 $\frac{1}{2}$
Chemical Laboratory.....	3	156 $\frac{3}{4}$
E. E. G. machine.....	1	63
Child feeding.....	49	427
Housekeeping.....	8	90
Charts.....	4	163 $\frac{1}{4}$
Photography.....	4	64
Ward 9.....	1	341 $\frac{1}{4}$
<i>Men</i>		
Laundry.....	8	48
Orderly Main Hall.....	1	420 $\frac{1}{4}$
Housekeeping.....	35	1209
Grounds.....	8	239 $\frac{3}{4}$
	556	17,787
<i>Out-Patient Volunteers</i>		
Clinic aides, secretaries.....	29	4217 $\frac{1}{4}$
Total.....	585	22,004

Respectfully submitted,

MRS. RUSSELL NOVELLO,  
Director

## ANESTHESIA COUNT

<i>Year</i>	<i>Cases</i>	<i>Hours</i>	<i>Minutes</i>
1933.....	4,684	2,993	45
1934.....	4,313	2,873	30
1935.....	4,312	2,969	45
1936.....	3,742	2,874	50
1937.....	3,783	3,277	
1938.....	4,043	3,867	15
1939.....	3,987	4,064	20
1940.....	3,939	4,620	35
1941.....	3,658	4,655	20
1942.....	3,626	4,649	40
1943.....	3,484	4,613	20
1944.....	3,777	4,925	05

## FORMER HOUSE OFFICERS AND RESIDENTS

Abbott, F. B.	1915	
Adams, John D.	1902	43 Bay State Road, Boston, Mass.
Adams, John E.	1941	U. S. Army
Adams, Wm. B.	1920	20 Maple St., Springfield, Mass.
Adelman, Maurice	1922	209 Angel St., Providence, R. I.
Alexander, Eben, Jr.	1940	U. S. Army
Allen, Fred H., Jr.	1941	U. S. Army
*Allison, Nathaniel	1901	
Ames, Frederick D.	1934	U. S. Navy
Amiral, Hiram H.	1916	U. S. Army
Anderson, Arthur	1923	122 East 76th St., New York, N. Y.
Anderson, Randolph L.	1926	1021 Quarier St., Richmond, Va.
Anderson, Robin	1943	U. S. Army
Anderson, Samuel A., Jr.	1925	2326 W. Grace St., Richmond, Va.
*Andrews, Edward A.	1896	
Andrews, Sumner C.	1916	636 Beacon St., Boston, Mass.
Atherton, Hilton B.	1944	Mass. Memorial Hospital, Boston, Mass.
Atkins, Robert W.	1944	U. S. Army
Atsatt, Rodney F.	1927	U. S. Navy
Aufranc, Otto E.	1938	U. S. Army
Austen, George	1937	U. S. Army
Ayer, J. B., Jr.	1907	319 Longwood Ave., Boston, Mass.
Bacon, Joshua E.	1927	
Bacon, William B.	1941	1200 Main St., Dubuque, Ia. Free Hospital for Women, 245 Pond Ave., Brookline, Mass.
Bailey, Orville T.	1935	Harvard Medical School, Boston, Mass.
*Bailey, Walter C.	1898	
*Baker, Frederick H.	1892	
Baker, Horace M.	1917	Lumberton, N. C.
*Baldwin, Herman T.	1895	
Ball, John D.	1923	414 Spurgeon Bldg., Santa Ana, Calif.
Barber, Carol Glenn	1921	606 Hanna Bldg., Cleveland, O.
Barlow, Frank A.	1944	U. S. Navy
Barnes, Frederick W., Jr.	1937	630 W. 168th St., New York, N. Y.
Barr, Joseph S.	1928	U. S. Army
Barrett, M. F.	1903	231 Main St., Brockton, Mass.
Bartlett, Daniel E.	1905	
Bartlett, Fred A.	1908	308 Beale St., Wollaston, Mass.
Bashford, Margaret	1943	27 Ludlow St., Yonkers, N. Y.
Baty, James M.	1929	1101 Beacon St., Brookline, Mass.
Beekel, W. Fred	1907	7039 Superior Ave., Cleveland, O.
Bell, Donald	1921	Ojai, Calif.
Bell, John F.	1942	U. S. Army
Bender, Norman	1921	306 Woodbridge St., Buffalo 14, N. Y.
Benjamin, Jas. D., U.S.N.	1914	Naval Air Station, San Diego, Calif.

\*Deceased

Bennett, Charles B.	1923	1122 University Ave., Berkeley, Calif.
Bennett, Clifton J.	1944	The Children's Hospital, Boston, Mass.
Berenberg, William	1943	300 Longwood Ave., Boston, Mass.
Berkley, Hugh K.	1916	165 S. Las Palmas Ave., Los Angeles, Calif.
Bigelow, Edward B.	1907	9 Walnut St., Worcester, Mass.
Bill, Alexander	1942	U. S. Army
Billig, Harvey P., Jr.	1936	Institute of Technology, Pasadena 4, Calif.
Binns, J. Frazier	1929	U. S. Army
Biorkman, Gustav	1918	30 E. 76th St., New York, N. Y.
Birdsong, McLemore	1941	University Virginia Medical School, Charlottesville, Va.
Blair, Montgomery	1929	U. S. Army
Blodgett, James B.	1940	Peter Bent Brigham Hospital, Boston Mass.
Blodgett, William H.	1939	U. S. Army
Bolowstow, Nathan A.	1917	126 Waterman St., Providence, R. I.
Bost, Frederick C.	1929	384 Post St., San Francisco, Calif.
Botsford, Thomas W.	1937	U. S. Army
*Boutwell, Horace K.	1905	Iowa City, Ia.
*Bowditch, Henry I.	1902	Royal Canadian Navy
Boyd, Robert T.	1939	Kissimmee, Fla.
Breckenridge, William G.	1941	7 Lynn Shore Drive, Lynn, Mass.
Bressler-Pettis, Chas. W.	1917	U. S. Army
Briggs, Maurice T.	1917	318 Millbank Rd., Bryn Mawr, Pa.
Brines, John K.	1939	U. S. Army
Bromer, Ralph	1915	3439 Prytania St., New Orleans, La.
Brooks, Glidden L.	1939	2401 North Broad St., Philadelphia, Pa.
Brostrom, Frank	1929	612 Drayton St., Savannah, Ga.
Brown, Charles L.	1923	U. S. Army
*Brown, David R.	1918	U. S. Army
Brown, F. Bert	1938	372 Marlborough St., Boston, Mass.
Brown, John C., D.M.D.	1939	Egypt, Mass.
Brown, John E., Jr.	1933	711 Professional Bldg., Phoenix, Ariz.
Brown, Lloyd T.	1908	101 Highland St., Hyde Park, Mass.
Brown, Percy	1900	814 Elm St., Manchester, N. H.
Browne, Trevor S.	1924	319 Longwood Ave., Boston, Mass.
*Bryant, Charles S.	1899	301 Essex St., Lawrence, Mass.
Bryant, Clarence E.	1906	224 Thayer St., Providence, R. I.
Burpee, Benjamin P.	1916	Corback, Invernesshire, Scotland
Byers, Randolph K.	1924	U. S. Army
Byrne, Harry V.	1929	U. S. Army
Calder, Harold G.	1908	U. S. Army
Calquhoun, John G.	1928	2015 N. Kenmore St., Arlington, Va.
Campbell, Charles M.	1940	
Campbell, James B.	1937	
Campelia, C. M., D.M.D.	1942	
Canada, Charles C.	1934	

\*Deceased

Canaday, John W.	1934	U. S. Army
Carey, Benjamin W.	1935	Lederle Laboratories, Pearl River, N. Y.
Carpenter, George K.	1920	700 Church St., Nashville, Tenn.
Carson, Paul C.	1921	401 N. Emporia, Wichita, Kan.
Carter, Marshall L.	1935	Box DD, Carmel, Calif.
Catterson, L. F.	1926	107½ High Ave., E., Oskaloosa, Ia.
Cave, Edwin	1927	U. S. Army
Chamberlain, John W.	1935	U. S. Navy
Chang, Arthur W.	1943	295 W. 11th St., New York, N. Y.
Chapin, William E.	1926	3103 W. Franklin St., Richmond, Va.
Chenoweth, Beach M., Jr.	1941	Johns Hopkins Hospital, Baltimore, Md.
Chisholm, Tague C.	1942	721 Huntington Ave., Boston, Mass.
Churney, Otto	1929	U. S. Army
Clarke, George W.	1904	Defiance, O.
Clarke, M. Melvin	1927	38 N. Goodman St., Rochester, N. Y.
Clatworthy, H. William	1944	U. S. Army
Clement, David H.	1939	U. S. Army
Clifford, Stewart	1929	1101 Beacon St., Brookline, Mass.
*Cochrane, J. Joseph	1925	830 Medical & Dental Bldg., Seattle, Wash.
Coe, Herbert E.	1907	101 N. Elm St., Greensboro, N. C.
*Cogswell, William, Jr.	1892	U. S. Navy
Cole, Walter F.	1920	85 Whitney Ave., New Haven, Conn.
Connerley, Marion L.	1940	47 Bay State Rd., Boston, Mass.
Cook, Robert J.	1916	U. S. Army
Coonse, G. Kenneth	1927	U. S. Army
*Corson, Carl C.	1936	35 Chestnut St., Rochester 4, N. Y.
Cozen, Lewis	1938	300 Longwood Ave., Boston, Mass.
*Crandall, Arthur R.	1896	Pontiac Motor Co., Pontiac, Mich.
Crane, Chilton	1940	76 Church St., Winchester, Mass.
*Cravener, Edward K.	1929	U. S. Navy
Crawford, Henry B.	1930	U. S. Army
*Creesy, Everett L.	1900	129 E. 69th St., New York, N. Y.
Crothers, Bronson	1912	810 E. Powell Ave., Evansville, Ind.
Cudney, Ethan B.	1925	911 Medical Arts Bldg., Houston, Tex.
Cunningham, Allen	1915	716 Sassafras St., Erie, Pa.
Curnen, Edward C., Jr.	1938	Strong Memorial Hosp., Rochester, N. Y.
Cutler, Charles H.	1939	1374 Ida Ave., Columbus, O.
Daniels, George F.	1923	38 Elm St., Danvers, Mass.
*Darrah, Rufus	1887	U. S. Army
Davidson, William D.	1933	20 Maple St., Springfield, Mass.
David, S. D.	1923	
Davis, Arthur G.	1922	
Davis, Jean P.	1944	
Dawson, Clyde W.	1938	
Deering, Charles F.	1911	
dePeyster, Frederic, 3rd.	1942	
Derby, Joseph C.	1924	

\*Deceased

*Dexter, Smith O.	1936	
DeWilde, Herman A.	1944	300 Longwood Ave., Boston, Mass.
Diamond, Louis K.	1929	300 Longwood Ave., Boston, Mass.
Dickson, William A.	1944	U. S. Army
Dietrich, Henry F.	1936	415 N. Camden, Beverly Hills, Calif.
Dillon, Victor M.	1931	490 Post St., San Francisco, Calif.
Dimmler, Charles L., Jr.	1939	U. S. Army
Dingle, John H.	1940	Consultant, U. S. Army
Dinnerman, M., D.M.D.	1941	U. S. Army
Divers, Douglas	1924	73 3d St., N.W., Pulaski, Va.
Dodd, J. E.	1912	259 Union Ave., Framingham, Mass.
*Domser, Benjamin M.	1911	
Doolittle, Leroy	1917	908 Medical Arts Bldg., Duluth, Minn.
Dresel, Rudolph L.	1919	490 Post St., San Francisco, Calif.
Drissen, Edward	1931	Briton, S. D.
Dubois, Robert O.	1923	122 E. 76th St., New York, N. Y.
Duckett, J. Warner	1929	4105 Live Oak St., Dallas, Tex.
Duncan, Thomas L.	1943	U. S. Navy
Dunn, C. H.	1902	
Dwan, Paul F.	1931	4509 Dupont, S., Minneapolis, Minn.
Dye, Paul J.	1926	Sewall Rd., Wolfeboro, N. H.
Dyer, Edward C.	1942	U. S. Army
*Eastman, Alexander	1900	
*Eaton, Percival J.	1885	
Eckles, Lucius E.	1935	U. S. Navy
Edmonds, Henry W.	1941	300 Longwood Ave., Boston, Mass.
Eichwald, Ernst J.	1943	U. S. Army
Eley, R. C.	1929	U. S. Navy
Ellis, Richard W. B.	1929	Rearsby, Leicestershire, England
*Ely, T. W.	1910	
Emerson, George E.	1905	52 Columbia St., S., Weymouth, Mass.
Emerson, Paul	1915	422 E. 19th St., Cheyenne, Wyo.
Emidy, Herman L.	1926	188 Prospect St., Woonsocket, R. I. ,
*Eveleth, Charles W.	1904	
Ewer, Edward G.	1937	181 Brookside Dr., Berkeley, Calif.
Farber, Sidney	1928	
*Fay, William E.	1887	300 Longwood Ave., Boston, Mass.
Ferguson, Albert B., Jr.	1944	U. S. Navy
Ferguson, Charles F.	1937	300 Longwood Ave., Boston, Mass.
Ferguson, Edward V.	1941	U. S. Navy
Fisher, James T.	1895	1151 N. Madison Ave., Los Angeles, Calif.
Fisher, William H.	1929	755 Salem St., Malden, Mass.
Fiske, Eben W.	1912	701 Westinghouse Bldg., Pittsburgh, Pa.
*Fiske, William B.	1885	
Fitch, Ralph R.	1904	277 Alexander St., Rochester, N. Y.
*Fitts, John B.	1916	

\*Deceased

Fitz, George W.	1890	Peconic, L. I., N. Y.
*FitzSimmons, H. J.	1910	U. S. Army
Flake, Carlyle G.	1937	U. S. Army
*Fletcher, A. S.	1909	U. S. Army
Fletcher, F. L.	1928	U. S. Army
*Flint, Carlton P.	1898	U. S. Army
Flook, Samuel E.	1939	246 Marlborough St., Boston, Mass.
Floyd, Cleveland	1905	1022 Park St., Jacksonville, Fla.
Fort, F. L.	1923	716 Sassafras St., Erie, Pa.
Fortune, Clayton W.	1930	Citizens Bank Bldg., Madisonville, Ky.
Foshee, Clyde H.	1931	1215 Walker Ave., Houston, Tex.
Foster, Joseph B.	1929	131 State St., Portland, Me.
Foster, Thomas	1919	U. S. Navy
Fothergill, Leroy	1930	411 30th St., Oakland 9, Calif.
Fowler, Charles B.	1929	300 Longwood Ave., Boston, Mass.
Francis, William A.	1943	Monte Athos 179, Mexico, D. F., Mexico
Franke, Winthrop I.	1941	184 North St., Pittsfield, Mass.
Frawley, W. T.	1910	U. S. Army
Frazee, John W.	1930	112 N. Bennett Ave., Denison, Tex.
Freeman, Don W.	1938	707 Race St., Cincinnati 8, O.
*Fregeau, Wheaton	1933	416 Marlborough St., Boston, Mass.
Freiburg, Joseph A.	1927	New Haven Hospital, New Haven, Conn.
Fuldner, Russell V.	1940	
*Gage, Homer	1885	Alvero Bldg., Herkimer, N. Y.
Gallo, James E.	1925	743 High St., Dedham, Mass.
Gallup, Henry E.	1928	300 Longwood Ave., Boston, Mass.
Gamble, James L.	1912	U. S. Navy
Ganz, Robert N.	1927	144 Walnut St., E. Dedham, Mass.
Gates, R. E.	1908 (Not in practice)	188 Chestnut St., Holyoke, Mass.
Gear, Patrick	1919	43 Bay State Rd., Boston, Mass.
George, A. W.	1904	U. S. Navy
Giddings, Paul D.	1937	U. S. Navy
Gill, MacLean	1935	30 E. 46th St., New York, N. Y.
Gillespie, Elmer H.	1930	
*Gillespie, Norman	1917	U. S. Army
Glover, Donald M.	1921	U. S. Army
Goeringer, C. Fred	1937	1543 Crescent St., Montreal, Que.
Goldloom, Alton	1917	372 Marlborough St., Boston, Mass.
Goldman, Ahbrum	1918	330 Dartmouth St., Boston, Mass.
Goldthwaite, Joel E.	1888	304 State St., Albany, N. Y.
Goodale, Robert L.	1924	U. S. Army
Goodwin, Edward S.	1928	1538 Sherbrooke St., W. Montreal, Que.
Gottschalk, Raymond G.	1944	116 E. Franklin St., Richmond, Va.
Gordon, John K.	1921	
Graham, W. T.	1910	

\*Deceased

Gray, Daniel R.	1943	U. S. Army
Green, Hyman	1916	483 Beacon St., Boston, Mass.
Green, William T.	1931	300 Longwood Ave., Boston, Mass.
*Greene, D. Crosby, Jr.	1898	300 Longwood Ave., Boston, Mass.
Grice, David	1942	404 County St., New Bedford, Mass.
Griffin, Charles H.	1923	Willinsburg, Pa.
Griffith, Jesse B.	1919	Eureka, Calif.
Gross, Harold G.	1890	
*Gross, Herman W.	1896	300 Longwood Ave., Boston, Mass.
Gross, Robert	1932	281 Ashmont St., Dorchester, Mass.
Grover, Joseph I.	1913	1011 N. Charles St., Baltimore, Md.
Grub, Wilson	1940	U. S. Army
Grulee, Clifford G., Jr.	1940	Cincinnati Children's Hosp., Cincinnati, O.
Guest, George M.	1926	2436 42nd Ave., Seattle 2, Wash.
Guy, Percy F.	1926	
Haas, George	1931	U. S. Army
Haase, Ferdinand, Jr.	1943	Mass. General Hospital, Boston, Mass.
Haig, Ray T.	1924	1026 Medico Dental Bldg., Sacramento, Cal.
Haight, Harry W.	1911	Highland Park, N. J.
*Hall, Herbert J.	1894	812 S.W. Washington St., Portland, Ore.
Hall, Robert G.	1910	U. S. Army
Hallowell, Phillips	1944	U. S. Navy
Hamlin, Hannibal	1941	450 Sutter St., San Francisco, Calif.
Hand, Delbert W.	1935	371 Commonwealth Ave., Boston, Mass.
Hanfig, Samuel	1931	901 Southern Surety Bldg., Des Moines, Ia.
Hansell, W. Whitfield	1917	10515 Carnegie Ave., Cleveland, O.
Harbin, Maxwell	1923	610 Market Ave., N. Canton, O.
Harkey, J. Mace	1940	U. S. Army
Harral, Pinckney	1935	301 Rivermont Ave., Lynchburg, Va.
Harper, Edwin A.	1934	U. S. Navy
Harris, Albert H.	1931	219 Waterman St., Providence, R. I.
Harris, Herbert E.	1936	U. S. Army
Harris, Jerome S.	1936	U. S. Army
Harris, Leonard	1943	The Children's Hospital, Boston, Mass.
Hackworth, Lorye	1943	U. S. Army
Hartman, Frederick B.	1935	Orchard Lake, Mich.
Harvery, Campbell	1921	1738 Beacon St., Brookline, Mass.
Hassman, David M.	1915	
*Haven, George	1882	78 S. 5th St., Columbus, O.
Helmick, Arthur G.	1912	401 Medical Arts Bldg., Minneapolis, Minn.
Henry, Myron O.	1922	10515 Carnegie Ave., Cleveland, O.
Herrick, Theodore P.	1920	Boston Lying-in Hospital, Boston, Mass.
Hertig, A. T.	1932	U. S. Army
Heyl, Henry L.	1935	Westfield State Sanatorium, Westfield,
Hibben, F. H.	1914	Mass.
*Higgins, Frank A.	1891	

\*Deceased

Hight, Donald	1935	U. S. Army
Hightower, Robert A.	1936	2651 16th St., N.W., Washington, D. C.
Hildebrand, Edward E.	1941	601 Bank of America Bldg., Fresno, Calif.
Hill, Allen M.	1939	U. S. Army
Hill, A. Morgan	1928	1810 Wealthy St., S.E., Grand Rapids, Mich
Hill, John M.	1941	U. S. Navy
Hill, Lewis W.	1915	U. S. Army
Hills, Oscar M.	1943	U. S. Army
Hilty, Harold F.	1943	406 Harris Bldg., Dayton, O.
Hitchcock, Harold H.	1922	1624 Franklin St., Oakland, Calif.
Ho, Wayne Y. H.	1941	Children's Hospital Society, 4614 Sunset Blvd., Los Angeles, Calif.
Hockwalt, Wm. Richard	1929	209 S. Main St., Dayton, O.
Hodgen, John T.	1915	1810 Wealthy St. S.E., Grand Rapids, Mich.
Hodges, Richard G.	1938	U. S. Army
*Hogarth, Walter P.	1921	U. S. Navy
Hoover, Harold R.	1940	U. S. Navy
Hopkins, Frank Read	1930	241 E. Santa Clara, San Jose, Calif.
Horn, Carl E.	1941	319 Longwood Ave., Boston, Mass.
Horner, Albert A.	1913	46 Waban Ave., Waban, Mass.
Hosley, Walter A.	1906	Ford Hospital, Detroit, Mich.
*Howard, A. A.	1910	Lederle Laboratories, Pearl River, N. Y.
Howard, Philip	1927	330 Dartmouth St., Boston, Mass.
Howard, Rutledge W.	1939	29 Highland St., Cambridge, Mass.
*Howe, Walter C.	1897	U. S. Army
Howell, William W.	1899	U. S. Navy
Hubbard, Elliot, Jr.	1918	Peter Bent Brigham Hosp., Boston, Mass.
Hubbard, John P.	1931	234 Marlborough St., Boston, Mass.
Huddleston, John	1899	Shackleford Hospital, Martinsville, Va.
Hudson, Henry W., Jr.	1927	Axton, Va.
Hufnagle, Charles A.	1942	3801 University St., Montreal, Canada
Hugenberger, Paul W.	1934	784 Park Ave., New York, N. Y.
Hughes, Grey C.	1936	333 Quincy Ave., Scranton, Pa.
Hughes, Harry C.	1937	595 E. Colorado St., Pasadena, Calif.
Humphreys, Storer P.	1936	117 12th St., N.E., Cedar Rapids, Ia.
Hunt, Fred C.	1919	300 Longwood Ave., Boston, Mass.
*Hunting, Nathaniel S.	1886	U. S. Army
Huntington, Frederick	1926	U. S. Army
Hurd, Arthur H.	1936	840 Forest Ave., Evanston, Ill.
Huston, Lewis L.	1937	2940 Summit St., Oakland 9, Calif.
Hutchins, Gretchen	1944	419 S. Weadock, Saginaw, Mich.
Hyatt, Gilbert T.	1933	
Ilfeld, Frederic W.	1936	
Jackson, George H.	1918	
Jacobus, Lawrence	1928	
Janichen, Robert F. T.	1944	

\*Deceased

Jeans, Philip .....	1910	Children's Hospital, Iowa City, Ia.
Jenks, Harrison D.....	1893	U. S. Army
Jennings, Charles G.....	1942	143 Park St., E. Orange, N. J.
Jennings, Robert E.....	1934	2580 Bancroft Way, Berkeley, 4, Calif.
Jennings, Percy H., Jr....	1937	685 Harwood Dr., Des Moines, Ia.
Johann, A. E.....	1910	18 Follen St., Cambridge, Mass.
Johnson, Erick St. John ..	1904	106 2d St., Cloverdale, Montgomery, Ala.
Johnson, Harold N.....	1937	U. S. Army
Johnson, Lent, Jr.....	1942	1937 Boston Blvd., Detroit, Mich.
Johnston, Joseph A.....	1926	179 Allyn St., Hartford, Conn.
Jones, Frank S.....	1932	7610 17th St., N.W., Washington, D. C.
Jones, Harold W.....	1901	401 Argyle Bldg., Kansas City, Mo.
Jones, J. Lawrence.....	1921	U. S. Navy
Joplin, Robert J.....	1934	414 Harris Bldg., Dayton, O.
Judy, J. A.....	1926	University of California, Dept. Pathology, San Francisco, Calif.
Jump, Ellis B., D.M.D....	1938	U. S. Army
Kaplan, Eugene .....	1942	234 Marlborough St., Boston, Mass.
Karp, Meier G.....	1935	Silverton, Ore.
Keene, Clarence .....	1905	69 Maple Rd., Auburndale, Mass.
Keever, Henry F.....	1909	U. S. Army
Keiser, Robert P.....	1942	2020 E. 93d St., Cleveland, O.
Kendrick, James I.....	1932	U. S. Army
Kennard, John H.....	1938	Wash. Univ. Med. School, St. Louis, Mo.
Key, John A.....	1920	23 2d Ave., San Mateo, Calif.
Key, William A.....	1928	U. S. Army
King, Donald .....	1917	11 Cedar Cliffe Rd., Biltmore, N. C.
King, Edward .....	1917	U. S. Navy
*King, James M.....	1926	311 E. 72d St., New York, N. Y.
Kingsland, Lawrence C...	1942	Univ. of Illinois, School of Medicine, 1853 W. Pope St., Chicago, Ill.
*Knowles, W. F.....	1882	372 Marlborough St., Boston, Mass.
Koplik, Louis .....	1931	703 Church St., Lynchburg, Va.
Krakower, Cecil A.....	1936	721 Huntington Ave., Boston, Mass.
Kuhns, John G.....	1927	U. S. Army
Kyle, Bernard.....	1921	266 Beacon St., Boston, Mass.
Landsteiner, Ernest K...	1943	U. S. Army
Lanman, Thomas H.....	1920	16th Medical Reg., Fort Devens, Mass.
*Larned, F. J.....	1914	3135 Webster St., Oakland, Calif.
Larson, Carol B.....	1937	U. S. Army
Latham, Raymond W....	1943	525 E. 68th St., New York, N. Y.
*Legg, Arthur T.....	1900	
Legg, Robert L., D.M.D.	1940	
Legge, Robert F.....	1936	
Lewis, James E., Jr.....	1943	
Levine, S. Z.....	1923	

\*Deceased

Linde, Frederick G.	1925	384 Post St., San Francisco, Calif.
*Lindemann, E. E.	1911	
Logan, George B.	1937	503 Ninth Ave., S.W., Rochester, Minn.
Lonergan, Robert C.	1925	612 Florida Power Bldg., St. Petersburg, Fla.
Lord, Robert M.	1920	122 Waterman St., Providence, R. I.
*Low, Harry C.	1896	
Low, Merritt B.	1934	31 Federal St., Greenfield, Mass.
Lowrey, John J.	1941	U. S. Army
Lucas, William P.	1906	490 Post St., San Francisco, Calif.
*Luther, Elliot H.	1926	
MacCollum, Donald W.	1932	300 Longwood Ave., Boston, Mass.
Martin, Geoffrey M.	1944	U. S. Navy
McDermott, Leo J.	1939	151 Vaughan St., Portland, Me.
McDonald, Francis Chas.	1930	U. S. Navy
McElroy, William D.	1933	318 St. Louis Ave., Youngstown, O.
McGoverney, Richard B.	1930	1515 State St., Santa Barbara, Calif.
McGuire, Joseph H.	1917	1719 Pacific Ave., Dallas, Tex.
McKeever, Francis M.	1930	680 S. Bronson Ave., Los Angeles, Calif.
McKhann, Charles F.	1923	Park Davis Laboratories, Detroit, Mich.
McLaughlin, William.	1931	500 Penn Ave., Pittsburgh, Pa.
McLean, Donald E.	1943	U. S. Army
McNeil, Donald	1930	1127 11th St., Sacramento, Calif.
Mahoney, P. J.	1930	U. S. Navy
*Manning, J. B.	1908	276 Commonwealth Ave., Boston, Mass.
Maraldi, Carl F.	1927	
*Marion, J. W. J.	1911	Linden Rd., Pinehurst, N. C.
Marr, Myron W.	1908	Mass. General Hospital, Boston, Mass.
Mundy, William	1943	107 S. 17th St., Omaha, Neb.
Martin, James W.	1924	U. S. Navy
Marting, Frank L.	1937	Shriners' Hospital, Philadelphia, Pa.
Matchet, Foster	1935	617 S. Olive St., Los Angeles, Calif.
Mathews, Samuel	1928	U. S. Army
Matson, Donald D.	1940	U. S. Army
Maxwell, Cyrus	1928	U. S. Army
May, Charles D.	1938	U. S. Army
Meade, T. Stanley	1934	913 Floyd Ave., Richmond, Va.
Meeker, Cornelius S.	1941	U. S. Army
Merriam, Joseph C.	1925	198 Union Ave., Framingham, Mass.
Metzer, Butler	1897	41 Ocean St., Lynn, Mass.
Mewburn, F. H. H.	1922	416 McLeod Bldg., Edmonton, Alberta, Can.
Meyers, Robert S.	1938	Peter Bent Brigham Hosp., Boston, Mass.
*Miller, H. L.	1918	
*Miller, Harold F.	1929	
Miller, J. Fleek	1934	482 Hudson Ave., Newark, O.
Miller, Ralph T.	1927	63 Chestnut St., Ware, Mass.
*Milleken, Ralph A.	1926	

\*Deceased

Mindlin, Roland D.	1940	U. S. Army
Miner, Henry R.	1920	108 W. 17th St., Falls City, Neb.
Moore, Beveridge H.	1918	8 S. Michigan Blvd., Chicago, Ill.
Moore, Chester B.	1912	384 Post St., San Francisco, Calif.
Moore, George C.	1905	475 Commonwealth Ave., Boston, Mass.
Moore, John M.	1939	450 Sutter St., San Francisco, Calif.
Moore, Stephen H.	1938	3328 Daniel St., Dallas, Tex.
Morris, Harry D.	1937	700 S. Kings Highway Blvd., St. Louis, Mo.
Morrissey, E. James	1935	329 S. Front St., Milton, Pa.
Morrison, Gordon	1941	205 3d Ave., San Mateo, Calif.
Morse, William R.	1916	Chengtu, China
Mostofi, Fallothiah	1943	U. S. Army
Moulton, Robert T.	1937	39 Warren St., Salem, Mass.
Mueller, Harry L.	1937	31 Church St., Winchester, Mass.
Mumford, Eugene B.	1905	320 N. Meridian St., Indianapolis, Ind.
Mundy, William	1943	2119 Scotwood Ave., Toledo, O.
Muro, Felipe	1920	Farmington, Mich.
Murphy, John P.	1933	634 N. Grand Blvd., St. Louis, Mo.
Myers, A. E.	1913	U. S. Army
Myers, Ernest E.	1932	84 Hutchins St., Roxbury, Mass.
Myers, Samuel W.	1902	
Nadas, Alexander S.	1943	Greenfield, Mass.
Naive, Jesse B.	1921	Beverly Hills Sanatorium, Knoxville, Tenn.
Nathan, Louis	1930	68 Bay State Rd., Boston, Mass.
Neff, Richard S.	1939	U. S. Army
Nelson, Richard L.	1932	1300 8th St., Wichita Falls, Tex.
Newsam, A. Roland	1922	1644 Broad St., Providence, R. I.
Newstedt, Roger	1943	U. S. Army
Nichols, Wallace J.	1933	116 Forest St., Medford, Mass.
*Nichols, E. H.	1889	
Nitchman, Donald E.	1940	706 Union St., Schenectady, N. Y.
Norton, Paul L.	1934	1101 Beacon St., Brookline, Mass.
Norton, Rupert	1891	
Nulsen, Frank E.	1942	U. S. Army
Nutter, John A.	1906	48 Chesterfield Ave., Westmount, Que., Can.
Ober, Frank R.	1914	234 Marlborough St., Boston, Mass.
O'Brien, Robert M.	1940	634 N. Grand Blvd., St. Louis, Mo.
O'Connor, Dennis	1926	158 Whitney Ave., New Haven, Conn.
O'Meara, John W.	1919	390 Main St., Worcester, Mass.
O'Neil, Frank C.	1937	216 S. Main St., Middletown, O.
Ormandy, Laszlo	1942	U. S. Army
Osborne, Joseph	1943	139 Morton St., Newton Centre, Mass.
Osgood, Rudolph	1930	59 Greenlawn St., Fall River, Mass.
Otis, Henry S.	1882	
Overlander, Charles L.	1906	443 Marlborough St., Boston, Mass.

\*Deceased

Packard, Robert G.	1915	.815 Vine St., Denver, Colo.
Page, Calvin G.	1893	128 Marlborough St., Boston, Mass.
Painter, Charles F.	1893	520 Commonwealth Ave., Boston, Mass.
Palfrey, F. W.	1903	24 School St., Boston, Mass.
Parker, Willard S.	1912	270 Commonwealth Ave., Boston, Mass.
Parnall, Edward	1932	U. S. Army
Patchen, Paul J.	1931	8480 Commercial Ave., Chicago, Ill.
Patrick, William F.	1917	1020 S.W. Taylor St., Portland, Ore.
Patterson, Robert L.	1934	135 E. 65th St., New York, N. Y.
*Peckham, Frank E.	1888	
Pelkan, Karl F.	1925	241 E. Santa Clara St., San Jose, Calif.
*Pegram, John C., Jr.	1896	
*Percy, Karlton G.	1913	
*Perkins, John W.	1884	
*Perry, Sherman	1909	Bangor, Me.
Peters, William C.	1904	3038 St. Paul St., Baltimore, Md.
Phelps, Winthrop M.	1924	1400 Professional Bldg., Kansas City, Mo.
Pickard, Nicholas S.	1941	U. S. Army
Pierce, F. Richard	1935	179 Allyn St., Hartford, Conn.
Pike, Maurice	1928	186 South St., Morristown, N. J.
Pinckny, F. H.	1914	1402 S. Grand Blvd., St. Louis, Mo.
Pinkerton, Henry	1916	909 Hyde St., San Francisco, Calif.
Pitkin, Horace C.	1927	1515 Carnegie Ave., Cleveland, O.
Placek, Joseph C.	1933	300 Longwood Ave., Boston, Mass.
Plachte, Frank L.	1944	1945 Med. Arts Bldg., Minneapolis, Minn.
Pohl, John F.	1933	23 Maple St., Springfield, Mass.
Pokorny, Norman A.	1933	103 E. North St., Greenville, S. C.
Politzer, Richard M.	1926	Mass. General Hospital, Boston, Mass.
Pope, Alfred	1942	U. S. Army
Porter, Arnold	1941	
*Porter, Donald W.	1914	3 Day St., N. Easton, Mass.
Porter, Robert B.	1901	300 Longwood Ave., Boston, Mass.
Pratt, Edward L.	1943	U. S. Army
Pratt, Henry	1933	26 Grove St., New Bedford, Mass.
Prescott, H. D. (Retired)	1903	U. S. Army
Prugh, Dane G.	1944	U. S. Army
Pyle, Henry D.	1929	
Radcliffe, Ernest J.	1925	67 Butterfield Ter., Amherst, Mass.
Ramsay, Robert E.	1918	65 N. Madison Ave., Pasadena, Calif.
Ramsay, W. S.	1914	407 E. Kingsley St., Ann Arbor, Mich.
Rawlings, Junius Mott	1929	116 Mills St., El Paso, Tex.
Ray, Robert D.	1944	300 Longwood Ave., Boston, Mass.
Record, Eugene E.	1929	U. S. Army
Rector, John M.	1933	2000 Van Ness Ave., San Francisco, Calif.
Rector, Lewis E.	1939	U. S. Navy
Reed, Carson R.	1935	1560 Line Ave., Shreveport, La.
Reese, C. A.	1907	Beaumont du Perigord, Dordogne, France

\*Deceased

Regan, John W.	1937	U. S. Army
Register, John F.	1935	101 N. Elm St., Greensboro, N. C.
Reidy, John A., Jr.	1938	372 Marlborough St., Boston, Mass.
Rew, Willard B.	1934	Yakima, Wash.
Rhinelander, Frederic W.	1939	U. S. Army
Riley, Conrad M.	1942	Babies Hospital, New York, N. Y.
Rizer, Dean K.	1939	U. S. Army
*Robb, William A.	1931	U. S. Army
Robbins, Fred C.	1942	33 Ponce de Leon Ave., Atlanta, Ga.
Roberts, Madison Hines	1921	3838 9th St., Birmingham, Ala.
*Roberts, Sumner M.	1929	University of Chicago, Chicago, Ill.
Roberts, Wyatt	1916	266 Beacon St., Boston, Mass.
Robertson, L. B.	1913	Royal Canadian Navy
Rogers, William	1923	501 W. Ninth St., Erie, Pa.
Ross, Alan S.	1931	U. S. Army
Ross, Fred E.	1912	51 Brattle St., Cambridge, Mass.
Ross, Frederick P.	1941	1108 Princess Ann St., Fredericksburg, Va.
Ross, Ralph A.	1939	34 S. Goodman St., Rochester, N. Y.
Rowe, Carter R.	1938	520 Beacon St., Boston, Mass.
*Rowland, Russell S.	1904	625 S. Lorena St., Los Angeles, Calif.
Rowley, Howard F.	1923	5 Sherman Ave., Bronxville, N. Y.
Rubin, Gabriel J.	1926	417 E. Union St., Seattle, Wash.
Rue, Homer A.	1920	232 E. Walton P., Chicago, Ill.
Rumsey, William L.	1941	
Rutherford, Frederick H.	1937	
Ryerson, Edwin W.	1897	
*Sadler, Roy A.	1909	70 Oldham Rd., W. Newton, Mass.
Saege, Ernest T.	1919	320 Townsend St., Lansing, Mich.
Sander, John F.	1926	U. S. Army
Sandmeyer, John A.	1938	923 Walton Ave., New York, N. Y.
Sanford, Charles H.	1913	Beth Israel Hospital, Boston, Mass.
Schlesinger, W. F.	1927	U. S. Army
Schoch, William C.	1943	727 W. 7th St., Los Angeles, Calif.
Schott, Harry J.	1921	Whittier Rd., Wellesley, Mass.
Schulz, Reuben	1929	U. S. Army
Schultz, Robert V.	1931	200 E. Pershing St., Springfield, Mo.
Schwartz, Eugene	1934	260 Crittendon Blvd., Rochester, N. Y.
Schwartz, R. Plato	1920	300 Longwood Ave., Boston, Mass.
Scott, Henry W., Jr.	1942	20 Chapel St., Brookline, Mass.
Scudder, Charles	1886	5012 Edmondson Ave., Baltimore, Md.
Seabold, William W.	1935	U. S. Navy
Sears, Robert A.	1944	U. S. Army (U. S. A. A. F.)
Seelye, Walter B.	1929	23 E. Ohio St., Indianapolis, Ind.
Segar, Louis	1914	621 W. Lake St., Minneapolis, Minn.
Seeleseth, Iver F.	1920	170 Atkinson St., Rochester, N. Y.
Selva, Julio	1892	
Seranati, Quintino J.	1943	

\*Deceased

Sever, James W.....	1901	321 Dartmouth St., Boston, Mass.
Shaffner, Louis deS.....	1942	U. S. Navy
Shannon, James .....	1933	Canadian Army
Shannon, Paul W.....	1934	820 Woodward Bldg., Birmingham, Ala.
Sheldon, Walter S.....	1939	Grady Memorial Hospital, Atlanta, Ga.
Sherwood, David W.....	1929	U. S. Navy
Shortell, Joseph .....	1918	270 Commonwealth Ave., Boston, Mass.
Shugarman, Wilson G.....	1940	(See Grub)
Schwachman, Harry .....	1930	U. S. Army
Simon, Royal .....	1931	620 W. 4th St., Williamsport, Pa.
Skinner, Marcus .....	1913	Marcus Skinner Clinic, Selma, Ala.
Smith, Clement A.....	1931	The Children's Hospital, Detroit, Mich.
Smith, Edward T.....	1936	1215 Walker Ave., Houston, Tex.
Smith, F. R.....	1921	U. S. Navy
Smith, L. D.....	1924	2454 W. Kilborn Ave., Milwaukee, Wis.
Smith, Richard M.....	1909	300 Longwood Ave., Boston, Mass.
Smyth, Francis Scott.....	1923	3d St. & Parnassus Ave., San Francisco, Cal.
Snedecker, Lendon.....	1932	U. S. Army
Soule, Herbert C., Jr.....	1922	122 Rutgers St., Rochester, N. Y.
*Soutter, Robert .....	1898	Duxbury, Mass.
Spalding, Roger .....	1903	Stockbridge, Mass.
Spaulding, Charles L.....	1899	1111 Republic Bldg., Denver, Colo.
Spencer, Harvey .....	1928	226 Boulevard, Scarsdale, N. Y.
*Spencer, J. B.....	1908	U. S. Army
Spicer, Charles M.....	1915	262 Beacon St., Boston, Mass.
Splitoff, Clarence A.....	1943	U. S. Army
Spring, C. W.....	1883	U. S. Army
Stanton, James T.....	1938	U. S. Army
Staples, O. Sherwin .....	1938	4214 16th St., N.W., Washington, D. C.
Starbuck, George W.....	1941	4417 Westminster, St. Louis, Mo.
Stark, Richard B.....	1942	108 S. Vine St., N. Platte, Kan.
Starkey, George W. B.....	1944	3780 Wilshire Blvd., Los Angeles, Calif.
Steinberg, Alfred .....	1920	1553 Woodward Ave., Detroit, Mich.
*Stetson, Frank E.....	1897	U. S. Army
Stevens, William A.....	1943	5215 Pleasant Run Pkwy, Indianapolis, Ind.
Stevenson, Edward .....	1927	Stanford University, San Francisco, Calif.
Stewart, Steele F.....	1920	1020 S.W. Taylor St., Portland, Ore.
*Stickney, Edwin P.....	1891	Mt. Sinai Hospital, 5th Ave. & 100th St.,
*Stickney, William .....	1906	New York 29, N. Y.
Stiefel, D. M.....	1924	U. S. Army
Stimson, Allan B.....	1943	
Stoeffler, Walter .....	1928	
*Storey, Carroll L.....	1916	
*Storey, Thomas A.....	1905	
Stratford, Eldredge W....	1931	
Strauss, Lotte(Gruenwald)1944		
Strayer, Luther B.....	1939	

\*Deceased

Sturdevant, Charles L.	1941	234 Marlborough St., Boston, Mass.
Swan, Henry	1941	U. S. Army
Sweet, Lewis K.	1931	Gallanger Hospital, 19 St. and Mass. Ave., Washington, D. C.
Swenson, Orvar	1940	300 Longwood Ave., Boston, Mass.
Sylvester, Philip H.	1907	25 Bay State Rd., Boston, Mass.
Talbot, Fritz B.	1905	266 Beacon St., Boston, Mass.
Talbot, Nathan B.	1938	Mass. General Hospital, Boston, Mass.
Sung, Chieh	1942	Children's Hospital, St. Louis, Mo.
Talinski, John	1943	Boston City Hospital, Boston, Mass.
Tan, Chung Chang	1943	Lakeville Sanatorium, Middleboro, Mass.
Tanner, Dean W.	1938	U. S. Army
Tefft, Richard C.	1922	266 Beacon St., Boston, Mass.
Thompson, Milton S., Jr.	1935	31 Deering St., Portland, Me.
Thompson, Vernon P.	1926	2007 Wilshire Blvd., Los Angeles, Calif.
Thornton, Andrew	1919	3201 Fourth Ave., San Diego, Calif.
Thurber, D. Packard	1918	417 S. Hill St., Los Angeles, Calif.
Thurston, Donald L.	1941	U. S. Army
Tobin, William J.	1940	U. S. Army
Tomkies, James S.	1910	5831 Margerita St., Dallas, Tex.
Treanor, John P., Jr.	1925	1101 Beacon St., Brookline, Mass.
Troxler, Robert T.	1941	University of Southern California, Medical School, Los Angeles, Calif.
Tso, Ernest	1919	c-o American Mission, Ichann, China
Tucker, Charles A.	1942	U. S. Army
Tucker, James	1929	116 E. Franklin St., Richmond, Va.
Tucker, J. F.	1883	5744 Drexel Ave., Chicago, Ill.
Turner, Arthur R.	1929	330 Dartmouth St., Boston, Mass.
Turtle, William J.	1936	Woonsocket Hospital, Woonsocket, R. I.
Tweddell, Henry J.	1940	
Ulrich, Joseph M.	1920	193 W. Market St., Akron, O.
Van Meter, Agram L.	1915	427 Bank of America Bldg., Stockton, Calif.
Van Ornum, Earl N.	1928	13780 Wilshire Blvd., Los Angeles, Calif.
Van Slyke, K. Keller	1942	U. S. Army
Vargas, Guillermo		
Vincent, Beth	1903	925 Boylston St., Boston, Mass.
Virkler, Stanley, D.M.D.	1935	U. S. Navy
Vogel, Harold T.	1926	3420 86th St., Jackson Hts., L. I., N. Y.
Wachter, Harry E.	1936	3720 Washington Blvd., St. Louis 5, Mo.
Wallace, William	1942	U. S. Army
Walthal, Damon	1916	315 Alameda Rd., Kansas City, Mo.
Walker, John H.	1933	1620 Oklahoma Ave., Guthrie, Okla.
*Warren, Henry S.	1899	
Washburn, Alfred.	1924	1750 Forest Parkway, Denver, Colo.

\*Deceased

Washburn, Frederic A.	1894	190 Bay State Rd., Boston, Mass.
Watson, Richard G.	1924	1624 Franklin St., Oakland, Calif.
Webster, Fred P.	1903	156 Free St., Portland, Me.
Weigel, Edgar W.	1927	970 Park Ave., Elizabeth, N. J.
Weigle, Carl E.	1923	970 Park Ave., Elizabeth, N. J.
Weiler, Howard G.	1930	40 14th St., Wheeling, W. Va.
Weir, Dwight	1932	61 N. Mulberry St., Mansfield, O.
Welch, Kenneth J.	1944	U. S. Navy
Weller, Thomas H.	1942	U. S. Army
Wheeler, Warren E.	1937	Children's Hospital, Columbus, O.
White, Robert S.	1939	U. S. Army
Whitford, Warren	1930	Windsor Locks, Conn.
Whittemore, Frank S.	1890	
Wilcox, John C.	1936	281 S. Thomas St., Pomona, Calif.
Wilens, Gustav	1926	Box 38, Wayland, Mass.
Williams, McChord	1938	U. S. Army
Williams, Robert B. D.	1944	Ryburn Trevor Rd., Ainsdale, Lancashire, England
Wilson, Edward H.	1923	395 E. Broad St., Columbus, O.
Wilson, Franklin D.	1919	5352 Studeley Ave., Norfolk, Va.
Wilson, James L.	1929	1801 Hermitage Rd., Ann Arbor, Mich.
Wilson, James	1920	216 W. 137th St., New York, N. Y.
*Wilson, Louis T.	1902	
Wing, Wilson M.	1939	Roosevelt Hospital, New York, N. Y.
Woo, Lan Sing	1919	St. Luke's Hospital, Shanghai, China
*Wood, Benjamin E.	1907	
Woodberry, H. S.	1914	U. S. Navy
Woodbury, William P.	1906	4940 Coronet St., Montreal, Canada
Wooley, Paul V., Jr.	1938	U. S. Army
Worden, Ernest M.	1941	75 Gardner St., Allston, Mass.
Work, Henry M.	1939	
Wormelle, Charles B.	1901	319 Longwood Ave., Boston, Mass.
*Wylie, Eugene C.	1894	501 Ridgeway St., Clifton Forge, Va.
Wyman, Edwin T.	1912	
Wysor, Frank L.	1916	
*Young, Ernest B.	1895	223 Park St., Newton, Mass.
Young, J. H.	1909	
Zechino, Vincent	1942	U. S. Army
Zuelzer, Wolfgang	1938	Children's Hosp. of Mich., Detroit, Mich.

\*Deceased



# THE CHILDREN'S HOSPITAL OUT-PATIENT CLINICS

300 LONGWOOD AVENUE, BOSTON, MASS.

Tel. ASP 5930

NOT OPEN TO PERSONS ABLE TO PAY A DOCTOR'S FEE  
AGE LIMIT—12 YEARS

Medical by Appointment—Every Week-day Morning—Tel. Aspinwall 5930

Medical Clinic Branches—(By Appointment from Medical Clinic Only)

Medical-Neurological .....	Mon. and Thurs., 9.00 a.m.
Behavior Clinic .....	Tues. and Fri., 9 a.m.
Luetic .....	Monday, 2.00 p.m.
Dieabetic .....	Monday, 2.00 p.m.
Boston Lying-In Discharged Baby Clinic .....	Wednesday, 2.00 p.m.
Children's Hospital Discharge Clinic .....	Wednesday, 2.00 p.m.
Infants' Hospital Discharge Clinic .....	Wednesday, 2.00 p.m.
Speech Clinic .....	Wednesday, 2.00 p.m.
Eczema Clinic .....	Thursday, 9.00 a.m.
Rheumatic Fever Clinic .....	Thursday, 2.00 p.m.
Heart Clinic .....	Thursday, 2.00 p.m.
Allergy Clinic .....	Tues. and Fri., 2.00 p.m.
Muscle Training (Bader Bldg.) .....	Mon., Wed., and Fri., 2 p.m.
Endocrine .....	Thursday, 9.00 a.m.

Surgical General Clinic—Every Week Day Morning ..... 8.30 a.m.

Surgical Clinic Branches—(By Appointment Only)

Carbon-Dioxide Treatments .....	Friday, 10.45 a.m.
Surgical-Neurological .....	Wednesday, 8.30 a.m.
Plastic Surgery .....	Friday, 8.30 a.m.

Orthopedic General Clinic—(By Appointment Only)

Tuesday, 8.30 a.m. and 2.00 p.m.

Thursday, 8.30 a.m. and 2.00 p.m.

Saturday, 8.30 a.m.

Telephone Asp. 5930 for appointment

Orthopedic Branches by Appointment Only from Orthopedic Clinic

Arthritis Clinic—Alternate Thursdays at 2.00 p.m.

Infantile Paralysis Clinics—(Bader Bldg.) ..... Tues., Thurs., Fri., 8.30 a.m.

Physiotherapy—(Bader Bldg.)—(By Appointment Only)

Scoliosis and Posture Clinic .....	Tues. and Thurs., 2.00 p.m.
New Cases .....	Tues., Saturday, 9 a.m.
Med. Surg. Orth. Physiotherapy .....	Mon., Tues., Wed., Thurs., and Fri., 9.00 a.m.

Pool Exercises—(By Appointment Only)

Orthodontia—For Post-operative cases only—by appointment Wed., 9.00 a.m.

Speech—From Orthodontia Clinic Only—Wed. and Sat., 9.00 a.m.

*No Clinics on Sundays or Holidays*

